

V.S.



Room  
1239

volume 5 number 11  
november 1972

monthly  
bibliography  
of  
medical  
reviews

## NATIONAL LIBRARY OF MEDICINE PUBLICATIONS

*NLM's publications may be purchased from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. (Please do not send orders to the National Library of Medicine.) Remittance should accompany orders and, unless otherwise specified, foreign orders should include an additional 25% of the domestic price to cover mailing. To avoid delays, send a separate order for each title requested, and include full title, price, and GPO catalog number.*

**Index Medicus:** Published monthly as a bibliographic listing of references to current articles from approximately 2,200 of the world's biomedical journals. Included are subject and author sections and a separate Bibliography of Medical Reviews. *Medical Subject Headings* is included as Part 2 of the January issue. Annual subscription: \$63.00 (\$78.75 foreign); single issues \$5.00. HE 20.3612:

**Cumulated Index Medicus, Volume 12:** A cumulation in eight volumes of the approximately 206,000 citations appearing in *Index Medicus* in 1971. Included are author and subject sections, *Medical Subject Headings*, List of Journals Indexed, and Bibliography of Medical Reviews. Price: \$84.00 (\$99.25 foreign). [Volume 11, 1970: same price as Volume 12.] HE 20.3612/3:

**Abridged Index Medicus:** A monthly bibliography, based on articles from 100 English-language journals, designed for the individual practitioner and libraries of small hospitals and clinics. Annual subscription: \$12.00 (\$15.00 foreign); single issues \$1.00. HE 20.3612/2:

**Cumulated Abridged Index Medicus, 1971:** A cumulation in one volume of the citations appearing in the monthly *Abridged Index Medicus* in 1971. Contains subject and author sections. Price: \$10.00 (\$12.50 foreign). [1970: same price as 1971.] HE 20.3612/2-2:

**Medical Subject Headings:** Published as Part 2 of the January *Index Medicus*. The approximately 8,000 subject headings in the 1972 *MeSH* are arranged alphabetically, with cross references, and in categorized lists. (Included with subscription to *Index Medicus*, also available separately for \$3.00.) HE 20.3612/13/1 pt 2

**List of Journals Indexed in Index Medicus, 1972:** Contains four listings of journals indexed: title, abbreviation, subject, and geographical. Price: \$1.25. HE 20.3612/4:972

**Monthly Bibliography of Medical Reviews:** A series designed to provide quick guidance to the latest reviews in the journal literature of biomedicine. Each issue duplicates the material appearing in the Bibliography of Medical Reviews section of the corresponding monthly issue of *Index Medicus*. Annual subscription: \$4.50 (\$5.75 foreign); single issues \$0.40. HE 20.3610:

**Bibliography of Medical Reviews, 1966-70:** A cumulation of citations to reviews for the period 1966-70; subject index only. Price: \$6.75. HE 20.3610/2:966-70

**NLM Current Catalog:** A bibliographic listing of citations to publications cataloged by the Library. Issued in three forms: (a) monthly (name section only), (b) quarterly (noncumulating, subject and name sections), (c) annual cumulation (subject and name sections). Prices: (a) 12 monthly issues—\$7.50 (\$9.50 foreign), single issues \$0.65; (b) 4 three-month cumulations (quarterlies)—\$13.00 (\$16.25 foreign), single issues \$3.25; (c) annual cumulation (1971)—price to be announced. 1970—\$16.25 (\$20.35 foreign). HE 20.3609:

**NLM Current Catalog, 1965-70:** An eight-volume cumulation representing NLM's complete store of machine-readable cataloging through 1970, including a catalog of technical reports. Price: \$71.75 (\$80.00 foreign). HE 20.3609/3:965-70

**Toxicity Bibliography:** A quarterly publication covering the adverse and toxic effects of drugs and chemicals reported in the approximately 2,200 journals indexed for *Index Medicus*. Annual subscription: \$14.00 (\$17.50 foreign); single issues \$3.50. HE 20.3613:

**Index to the Report of the Secretary's Commission on Pesticides and Their Relationship to Environmental Health:** designed to assist users in rapidly finding information in the *Report of the Secretary's Commission on Pesticides and Their Relationship to Environmental Health* (known as the "Mrak Report," 1969, GPO, price: \$3.00). Contains Chemical Substance Index, Subject Index, and Bibliography. 1972. Price: \$1.25. HE 20.3602:P43

**Selected References on Environmental Quality as It Relates to Health:** A monthly bibliography which provides a subject/author index to journal articles covering aspects of environmental pollution that concern health. Annual subscription: \$4.00 (\$5.00 foreign); single issues \$0.40. HE 20.3616

**Current Bibliography of Epidemiology:** A monthly bibliography of articles concerning the etiology, epidemiology, prevention, and control of disease. Annual subscription: \$12.50 (\$15.75 foreign); single issues \$1.25. HE 20.3617:

**International Bibliography of Medicolegal Serials, 1736-1967:** An annotated listing of serials on legal medicine and related fields. Includes six indexes (title, editor, publisher and sponsor, subject, geographical, and chronological). 1969. Price: \$1.25. FS 2.209:M46/736-967

**Bibliography of the History of Medicine, No. 5 (1965-1969):** Cumulative volume, including Nos. 1-4 plus approximately 3,800 new citations. (Numbers 3, 1967, and 4, 1968, available separately at \$2.75 each.) Casebound. 1972. Price: \$12.00 (\$15.00 foreign). HE 20.3615:5

**A Catalogue of Sixteenth Century Printed Books in the National Library of Medicine:** Over 4,800 rare sixteenth century printed volumes from NLM's History of Medicine Division collection are listed. Some 1,500 printers and publishers and 188 different printing centers in 14 European countries are indexed in detail. Casebound. 1967. 698 pages. Price: \$5.25. HE 20.3614:Si9/Supp.

**A Catalogue of Incunabula and 16th Century Printed Books in the National Library of Medicine:** First Supplement. Casebound. 51 pages. 1971. Price: \$2.75. HE 20.3614:Si9/Supp.

**Prints Relating to Dentistry:** A 36-page booklet containing reproductions of 67 prints illustrating the history of dentistry, from the Library's extensive collection of pictures of nonclinical medical interest. PHS Pub. No. 1605. 1967. Price: \$0.50. FS 2.202:D43

**National Library of Medicine Classification: A Scheme for the Shelf Arrangement of Books in the Field of Medicine and Its Related Sciences.** Third Edition, 1964, with 1969 Supplement. PHS Pub. No. 1108, Reprinted 1969. Price: \$2.75 (\$3.45 foreign). HE 20.3602:C56/969

**Film Reference Guide for Medicine and Allied Sciences:** Published for the Federal Advisory Council on Medical Training Aids. The 1970 edition contains information on approximately 2,000 films. PHS Pub. No. 487, Revised 1970. Price: \$2.75. HE 20.3608/2:970

**MEDLARS: 1963-1967:** Description of NLM's computer-based Medical Literature Analysis and Retrieval System (MEDLARS), emphasizing technical aspects of MEDLARS development. 76 pages with illustrations. PHS Pub. No. 1823. 1968. Price: \$0.75. FS 2.202:M46/3

**Principles of MEDLARS:** A 77-page booklet for the user of MEDLARS publications and search services, describing the intellectual processes and interactions involved in the provision of MEDLARS bibliographies. 1970. Price: \$0.75. HE 20.3608:M46/2

volume 5 number 11  
november 1972



monthly  
bibliography  
of  
medical  
reviews



U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Public Health Service

National Institutes of Health  
DHEW Publication No. (NIH) 72-253

ZW  
1  
B588a

**Monthly bibliography of medical reviews.**  
v. 1- Jan. 1968.  
[Bethesda, Md.] National Library of Medicine.  
v.  
References cited appear also in *Index medicus*.  
1. Medicine - indexes I. National Library of Medicine.

1972 SUBSCRIPTION PRICES  
**MONTHLY BIBLIOGRAPHY OF MEDICAL REVIEWS**

The *Monthly BMR* is a series designed to provide quick guidance to the latest reviews in the journal literature of biomedicine. Each monthly issue duplicates the material appearing in the Bibliography of Medical Reviews section of the corresponding monthly issue of *Index Medicus*. Price for one year's subscription (twelve monthly issues): \$4.50 (\$5.75 foreign); single issues \$0.40.

Use of funds for printing this publication has been approved by the Director of the Bureau of the Budget, September 22, 1967.

## INTRODUCTION

In 1948 at a Royal Society Scientific Information Conference, J. D. Bernal reported on a preliminary analysis of a study on the use of scientific literature. The object of the questionnaire was to find out directly from working scientists what they had read, why they had read it, and what use they had made of the information. In his report, Bernal stated that an overwhelming proportion of scientists read and appreciated reviews and that reviews formed a very important and increasing part of general background reading.

The reading habits of medical investigators, clinicians, and educators, and of workers in fields allied to medicine amply confirm today the observations of Bernal some twenty years ago. Indeed, as biomedical literature expands, the need for reviews appears more obvious.

Accordingly, in keeping with its tradition of service to the health professions, the National Library of Medicine is issuing its Bibliography of Medical Reviews as a separate monthly publication. We will continue to list reviews in Index Medicus as well.

Through the Monthly Bibliography of Medical Reviews, the Library hopes to provide health professionals with an easily accessible desk reference tool for guidance to the latest reviews in the journal literature of biomedicine.

Medical reviews are defined by the Library as articles which are well-documented surveys of the recent biomedical journal literature. In most cases the articles include a list of references either in the body of the paper or as a bibliography. Articles which include case reports are considered reviews only when the case report serves to document the subject of the review.

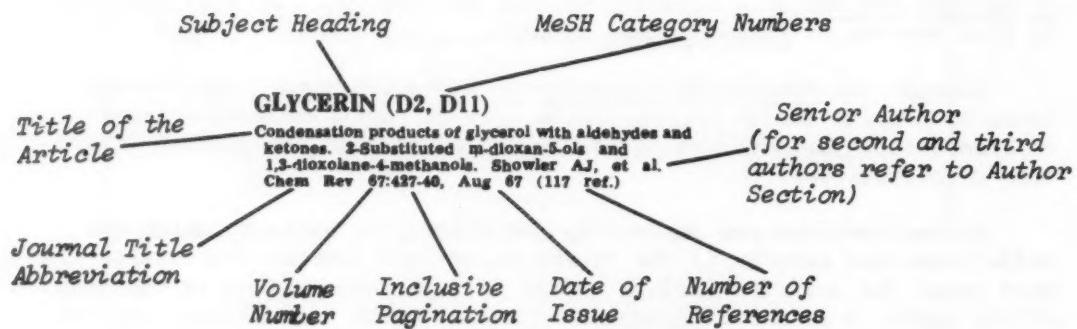
Articles with the following characteristics are not considered as reviews in this bibliography: case reports or original research articles containing a review of the literature as an adjunct; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.

### SUBJECT HEADINGS

Users of *Monthly Bibliography of Medical Reviews* will find an acquaintance with Medical Subject Headings (MeSH) useful in determining which subject headings are most appropriate for their needs. MeSH, the National Library of Medicine's authority list, is the technical language which provides controlled subject access to the biomedical literature indexed for MEDLARS. MeSH is published as Part 2 of the January *Index Medicus* (see list of publications, inside front cover).

Although the most specific terms available in MeSH are used in indexing articles for *Index Medicus*, broader headings are used for reviews to enable grouping of similar material.

### SAMPLE CITATION



**NATIONAL LIBRARY OF MEDICINE LITERATURE SEARCHES**

These bibliographies are reprints of literature searches requested by individual physicians, scientists, and other health professionals, and are considered to be of wide interest. Single copies may be ordered by number and title from NLM at no charge.

<u>L.S. No.</u>	<u>Title</u>	<u>L.S. No.</u>	<u>Title</u>
1-69	Psychotherapy in alcoholism. January 1964—August 1968. (160 citations)	70-17	Conditioned learning in the brain damaged child. January 1967—March 1970. (75 citations)
2-69	Psychotherapy in drug addiction or abuse. January 1964—August 1968. (50 citations)	70-18	Dietary fats and cardiovascular disease. January 1967—March 1970. (174 citations)
3-69	Psychotropic drug addiction or withdrawal symptoms in man. January 1964—August 1968. (207 citations)	70-19	Medicine in Vietnam. January 1964—December 1969. (451 citations)
4-69	Cannabis toxicology. January 1964—August 1968. (55 citations)	70-20	Medical aspects of civil disorders. January 1967—March 1970. (36 citations)
5-69	Heart transplantation. January 1964—August 1968. (180 citations)	70-21	Treatment of burns. January 1967—April 1970. (523 English language citations)
6-69	Kidney transplantation in man. January 1964—June 1968. (651 citations)	70-22	Lithium in humans. January 1967—April 1970. (190 citations)
7-69	Progesterational or estrogenic hormones and human lipid metabolism. January 1964—August 1968. (51 citations)	70-23	Surgery in obstructive coronary artery disease. January 1967—April 1970. (228 English language citations)
8-69	Programs for rehabilitation of the aged. January 1964—August 1968. (115 citations)	70-24	The pregnant adolescent. January 1967—April 1970. (94 English language citations)
9-69	Sarcoidosis. January 1966—December 1968. (546 citations)	70-25	North American Indian and Eskimo health. January 1967—April 1970. (233 citations)
10-69	Insect control by sexual sterilization. Supplement to L.S. 15-68. September 1968—October 1969. (59 citations)	70-26	Fatigue countermeasures. January 1967—May 1970. (65 citations)
11-69	Toxicity of pesticides to man. Supplement to L.S. 27-68. August 1968—October 1969. (241 citations)	70-27	Enzymes and dental disease. January 1967—May 1970. (142 citations)
70-1	Drug therapy of alcoholism. January 1967—December 1969. (323 citations)	70-28	Amniocentesis. January 1967—May 1970. (56 citations)
70-2	Adverse effects of oral contraceptives. January 1967—December 1969. (469 citations)	70-29	Psychiatric aspects of abortion. January 1967—April 1970. (87 citations)
70-3	Mortality or self-destructive behavior in drug abuse. January 1967—December 1969. (59 citations)	70-30	Automation or use of computers in laboratory diagnosis. January 1968—April 1970. (419 citations)
70-4	Non-nutritive sweeteners. January 1964—December 1969. (66 citations)	70-31	Teaching aids in special education. January 1967—May 1970. (116 citations)
70-5	Drug abuse and crime. January 1967—December 1969. (73 citations)	70-32	Psychological response to hemodialysis. January 1967—May 1970. (52 citations)
70-6	The effects of diet and nutrition on learning. January 1967—December 1969. (61 citations)	70-33	Antilymphocyte serum—human applications. January 1967—April 1970. (168 citations)
70-7	Dyslexia. January 1967—December 1969. (162 citations)	70-34	Gastrin release. January 1967—May 1970. (86 citations)
70-8	Health care for the poor in the United States. January 1967—December 1969. (132 citations)	70-35	Psychological aspects of transplantation. January 1967—May 1970. (63 citations)
70-9	Programmed instruction in medicine and allied professions. January 1967—December 1969. (108 citations)	70-36	Clinical aspects of chelating agents. January 1967—June 1970. (517 citations)
70-10	Computer applications in human electrocardiography. January 1964—December 1969. (284 citations)	70-37	Metal implants in humans. January 1967—June 1970. (319 citations)
70-11	Medical care in developing countries. January 1967—December 1969. (299 citations)	70-38	Assisted circulation. January 1967—June 1970. (179 citations)
70-12	Risk of infection in the microbiology laboratory. January 1967—December 1969. (143 citations)	70-39	Pesticides and ecosystems. January 1967—July 1970. (527 citations)
70-13	Adverse effects of food additives. January 1967—December 1969. (41 citations)	70-40	Health aspects of mining. January 1967—July 1970. (213 citations)
70-14	DOPA in neuromuscular disorders. January 1967—March 1970. (98 citations)	70-41	Sport medicine. January 1967—July 1970. (356 citations)
70-15	Psychopharmacology in geriatrics. January 1967—March 1970. (189 citations)	70-42	Genetics and socially deviant behavior. January 1967—June 1970. (137 citations)
70-16	Control of obesity by diet. January 1967—March 1970. (98 citations)	70-43	Prostaglandins and smooth muscles. January 1967—July 1970. (147 citations)
		70-44	Psychological aspects of asthma. January 1968—September 1970. (115 citations)
		70-45	Mercury contamination of water, aquatic organisms, and foods. January 1968—September 1970. (82 citations)

L.S. No.	Title	L.S. No.	Title
70-46	The arts in therapy. January 1968—September 1970. (101 citations)	71-24	Venezuelan equine encephalitis virus. January 1969—October 1971. (85 citations)
70-47	Geriatric dentistry. January 1968—November 1970. (113 citations)	71-25	Quality control, reliability and standards in clinical laboratories. January 1969—October 1971. (273 English language citations)
70-48	Group interactions for social awareness; sensitivity training. January 1968—September 1970. (99 citations)	72-1	Acupuncture. January 1969—February 1972. (69 citations)
70-49	Cyclic AMP (adenosine cyclic 3', 5'-phosphate) and adenyl cyclase. January 1968—September 1970. (656 citations)	72-2	Programmed instruction in medicine and allied health professions. January 1969—February 1972. (129 citations) This bibliography is an up-dating of Literature Search no. 70-9.
70-50	Urban environmental pollution. January 1968—November 1970. (107 citations)	72-3	Medical care in developing countries. (Supplement to LS 70-11) January 1970—April 1972. (400 citations)
71-1	Fetal monitoring during labor. January 1966—March 1971. (137 citations)	72-4	Hexachlorophene. January 1969—March 1972. (130 citations)
71-2	Genetic counseling. January 1968—March 1971. (92 citations)	72-5	Medicine and health in China. January 1969—March 1972. (173 citations)
71-3	Transplantation in the therapy of hearing disorders. January 1968—March 1971. (258 citations)	72-6	Drug therapy for hyperkinetic children. January 1969—March 1972. (64 citations)
71-4	Attitudes toward death. January 1968—March 1971. (295 citations)	72-7	Sickle cell anemia—diagnosis, pathology, complications and therapy. January 1969—April 1972. (339 citations)
71-5	Behavioral responses to animal interactions. January 1968—March 1971. (180 citations)	72-8	Vitamin C and the Common Cold. January 1969—April 1972 (25 citations)
71-6	Health aspects of occupational exposure to X-rays. January 1968—March 1971. (57 English language citations)	72-9	Electrical safety and hazards in the hospital. January 1969—March 1972. (102 citations)
71-7	Rabies in wildlife. January 1968—March 1971. (99 guage citations)	72-10	Audio-visual aids in the teaching of medicine. January 1969 through April 1972. (74 citations)
71-8	Emergency psychiatry. January 1968—March 1971. (176 citations) (Supplement to LS 4-68)	72-11	Audio-visual aids in the teaching of nursing. January 1969 through April 1972. (46 citations)
71-9	DNA polymerase. January 1968—March 1971. (276 citations)	72-12	Audio-visual aids in the teaching of dentistry. January 1969 through April 1972. (52 citations)
71-10	Oral manifestations of adverse drug reactions. January 1968—March 1971. (176 citations)	72-13	Audio-visual aids in the teaching of allied health occupations. January 1969 through April 1972. (39 citations)
71-11	Psychosocial response to factors in the urban environment. Mental health services in cities. January 1968—March 1971. (233 citations)	72-14	Sickle cell anemia — Epidemiologic, genetic, social, legal and ethical aspects. January 1969—May 1972. (116 citations)
71-12	Health hazards and hygiene in exposure to atomic radiation. January 1968—March 1971. (230 citations)	72-15	Malnutrition and mental development in man. January 1969—June 1972. (56 citations)
71-13	Maturity onset diabetes. January 1968—February 1971. (130 citations)	72-16	Toxicity of intentional food additives. January 1969—June 1972. (264 citations)
71-14	Sudden unexpected death in infants. January 1968—March 1971. (101 citations)	72-17	Vasectomy—psychosocial aspects. January 1969—June 1972. (52 citations)
71-15	Physicians' assistants. January 1968—December 1970. (73 citations)	72-18	Medicine in Vietnam. January 1969—June 1972. (337 citations)
71-16	Automated multiphasic screening. January 1969—June 1971. (75 citations)	72-19	Geriatric dentistry. (Supplement to LS 70-47) December 1970—June 1972. 90 citations.
71-17	Drugs in control of narcotic addiction. January 1969—June 1971. (86 citations)	72-20	Forensic dentistry. January 1969—June 1972. 163 citations.
71-18	Government role in financing the delivery of health care in the United States. January 1969—June 1971. (289 English language citations)	72-21	Provision of health care to the poor in the United States. January 1969—June 1972. 162 citations.
71-19	Government role in financing the delivery of dental care in the United States. January 1969—June 1971. (76 English language citations)	72-22	Lead poisoning in children. January 1969—June 1972. 100 citations.
71-20	Cannabis toxicology. September 1968—July 1971. (355 citations)	72-23	Diagnosis and therapy of gonorrhea. January 1969—June 1972. 189 citations in English.
71-21	Effects of hallucinogens on man. September 1968—August 1971. (609 English language or English abstract citations)	72-24	Care and maintenance of laboratory animals. January 1969—June 1972. 299 English language citations.
71-22	Drug withdrawal symptoms in man. September 1968—August 1971. (246 citations)	72-25	Physical management of rheumatoid arthritis. January 1969 through July 1972. 54 English language citations.
71-23	Psychotherapy in drug addiction or abuse. Supplement to Literature Search No. 2-69. September 1968—October 1971. (157 citations)	72-26	Mobile coronary care units. January 1969 through August 1972. 51 citations.
		72-27	Helicopter ambulance service. January 1969 through August 1972. 19 citations.

- 72-28 Ambulance service. January 1969 through August 1972. 29 citations.  
72-29 Tay-Sachs Disease. January 1969 through August 1972. 98 citations.  
72-30 Research and training support in medicine. January 1969 through August 1972. 225 citations in English.  
72-31 Plastics and phthalate esters. January 1969 through September 1972. 135 citations.  
72-32 Health care for adolescents. January 1969 through September 1972. 17 citations.  
72-33 Effects of noise on man (and animals). Supplement to Literature Search 12-38. January 1969 through September 1972. 214 citations in English.

Send Requests to: Literature Search Program  
Reference Section  
National Library of Medicine  
8600 Rockville Pike  
Bethesda, Maryland 20014

(Please do *not* send requests on interlibrary loan forms.)

The name and address of the requestor, typed on a gummed label, must accompany all requests (no return postage necessary).  
Order by *Literature Search* number in addition to title.



# bibliography of medical reviews

## Subject Section

Medical Reviews are defined by NLM, for inclusion in the Bibliography of Medical Reviews, as articles which are well documented surveys of the recent biomedical literature.

Not included are: reviews of the literature which document case reports or original research; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.

Although the most specific terms available in MeSH are used in indexing articles for Index Medicus, broader headings are applied for reviews to enable grouping of similar material.

### ABNORMALITIES (C16)

[Teratogenic agents in man] Maraud R, et al. *Bord Med* 5:315-33, Feb 72 (23 ref.) (Eng. Abstr.) (Fre)

### ABNORMALITIES, DRUG-INDUCED

(C14, C16)

[Teratogenic agents in man] Maraud R, et al. *Bord Med* 5:315-33, Feb 72 (23 ref.) (Eng. Abstr.) (Fre) [Malformations of the central nervous system—hydrocephalus, encephalocele, microcephalus, etc] Hanada J, et al. *Jap J Clin Med* 30:139-43, Jan 72 (26 ref.) (Jap)

### ABORTION (C6)

Cytogenetic aspects of induced and spontaneous abortions. Carr DH. *Clin Obstet Gynecol* 15:203-19, Mar 72 (38 ref.)

### ABORTION, INDUCED (E2)

Cytogenetic aspects of induced and spontaneous abortions. Carr DH. *Clin Obstet Gynecol* 15:203-19, Mar 72 (38 ref.)

### ACCLIMATIZATION (G1)

Lipid metabolism during cold-exposure and during cold-acclimation. Himmels-Hagen J. *Lipids* 7:310-23, May 72 (126 ref.)

### ACETATES (D2)

Supply and utilization of acetate in mammals. Ballard FJ. *Am J Clin Nutr* 25:773-8, Aug 72 (48 ref.)

### ACHIEVEMENT (F1)

Personality and academic attainment. Entwistle NJ. *Br J Educ Psychol* 42:137-51, Jun 72 (82 ref.)

### ACID-BASE EQUILIBRIUM (G1, H)

Acid-base balance. Hills AG. *Trans Am Clin Climatol Assoc* 83:186-97, 1972 (20 ref.)

### ACIDOSIS (C13)

[Propionic acidemia. New concept of hyperglycinemia with ketosis] Guibaud P. *Pediatrics* 57:217-30, Mar 72 (10 ref.) (Fre) [Lactic acidosis] Perevozchikova EP. *Pediatrics* 51:89-92, Jul 72 (53 ref.) (Rus)

### ACTINOMYCOSIS (C1)

Actinomycosis of the maxilla: review of literature and report of case. Goldstein BH, et al. *J Oral Surg* 30:362-6, May 72 (32 ref.)

### ADAPTATION, PHYSIOLOGICAL (G1)

Cross-adaptations and their significance. Frey M.J. *Rev Can Biol* 30:223-37, Sep 71 (15 ref.) [Adaptation to effort in conditions of hypoxia] Zamfirescu NR. *Fiziol Norm Patol* 17:481-96, Nov-Dec 71 (114 ref.) (Rum)

### ADENOSINE CYCLIC 3',5' MONOPHOSPHATE (D10)

[Isolation of catabolite repressive anc cyclic AMP mutants] Horiuchi T. *Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:204-8, 1972 (41 ref.) (Jap)

[Problems in cyclic AMP theory] Fujii S, et al. *Saisaku Igaku* 27:975-83, May 72 (28 ref.) (Jap) [Mode of action of cyclic AMP] Nishimura Y. *Saisaku Igaku* 27:967-77, May 72 (37 ref.) (Jap)

[Modern views on the role of adenylyl cyclase and cyclic 3', 5' AMP in the heart] Janicek W. *Pol Arch Med Wewn* 48:613-9, 1972 (79 ref.) (Pol)

### ADENOSINE TRIPHOSPHATE (D10)

Biochemical pathology. Farber E. *Annu Rev Pharmacol* 11:71-96, 1971 (200 ref.)

### ADENYL CYCLASE (D9)

[Modern views on the role of adenylyl cyclase and cyclic 3', 5' AMP in the heart] Janicek W. *Pol Arch Med Wewn* 48:613-9, 1972 (79 ref.) (Pol)

### ADIPOSE TISSUE (A10)

[Hormone receptors of the liver and fat cells] Kono T. *Saisaku Igaku* 27:961-4, May 72 (59 ref.) (Jap)

### ADRENAL CORTEX HORMONES (D8)

[Adrenal cortex hormones] Uete T. *Saisaku Igaku* 27:916-24, May 72 (208 ref.) (Jap)

### ADRENAL GLAND DISEASES (C7)

Hyperplasia and tumors of the adrenal cortex. Harrison JH, et al. *Urol Int* 27:81-117, 1972

### ADRENAL GLAND HYPERFUNCTION (C7)

Hyperplasia and tumors of the adrenal cortex. Harrison JH, et al. *Urol Int* 27:81-117, 1972

### ADRENAL GLAND NEOPLASMS (C2)

Hyperplasia and tumors of the adrenal cortex. Harrison JH, et al. *Urol Int* 27:81-117, 1972

### ADRENALECTOMY (E4)

The effect of adrenalectomy on the gastrointestinal tract. A review of the literature. Schapiro H, et al. *Rev Surg* 29:229-39, Jul-Aug 72 (156 ref.)

### AFLATOXIN (D13)

[Aflatoxins in food] Janicki J, et al. *Nahrung* 16:85-98, 1972 (74 ref.) (Eng. Abstr.) (Ger)

### AGE DETERMINATION BY SKELETON (E1)

Assessment of bone maturation—methods and pitfalls. Graham CB. *Radiol Clin North Am* 10:185-202, Aug 72 (37 ref.)

### AGING (G1)

Physiological aspects of aging: relationship to nutrition. Exton-Smith AN. *Am J Clin Nutr* 25:853-9, Aug 72 (49 ref.) Development, aging, and life duration: effects of nutrient restriction. Kahn AJ. *Am J Clin Nutr* 25:823-8, Aug 72 (51 ref.)

Solar and senile skin: changes caused by aging and habitual exposure to the sun. Jackson R. *Geriatrics* 27:106-12, Aug 72 (26 ref.) Senescence in germfree rats. Pollard M. *Gerontologia* 17:333-8, 1971 (33 ref.)

### ALCOHOLIC INTOXICATION (C14)

[Study of the morphological and metabolic effects of alcohol on liver] Lieber CS, et al. *Rev Med Chir Mai Poie* 46:233-54, 1971 (123 ref.) (Eng. Abstr.) (Fre)

### ALDOSTERONE (D2, D8)

[Aldosterone] Takeuchi T, et al. *Saisaku Igaku* 27:927-31, May 72 (30 ref.) (Jap)

### AMBULATORY CARE (N2)

A review of medication errors and compliance in ambulant patients. Stewart RB, et al. *Clin Pharmacol Ther* 13:463-8, Jul-Aug 72 (22 ref.) Treatment of ventricular arrhythmias in ambulatory patients. England RA. *Med Clin North Am* 56:815-24, May 72 (37 ref.)

### AMEBIASIS (C1)

Primary amoebic meningo-encephalitis. An appraisal of present knowledge. Carter RF. *Trans R Soc Trop Med Hyg* 66:193-213, 1972 (68 ref.)

## AMELOBLASTOMA

### AMELOBLASTOMA (C2)

An unusual type of ameloblastoma with a review of the literature. Cohen L, et al.  
*J Oral Med* 27:33-8, Jul-Sep 72 (51 ref.)

### AMINES (D2)

Biochemistry of depression (a review of the literature). Allon G.  
*Behav Neurosci* 3:2-5 passim, Dec 71 (47 ref.)

### AMINO ACID METABOLISM, INBORN ERRORS (C13)

[Propionic acidemia. New concept of hyperglycinemia with ketosis] Guibaud P.  
*Pediatrics* 27:317-30, Mar 72 (10 ref.) (Fre)  
Patel *Fiziol Eksp Ter* 15:88-92, Sep-Oct 71 (89 ref.) (Rus)

### AMINOBUTYRIC ACID (D10)

[Gamma-aminobutyric acid system in the brain under extreme conditions (review of the literature)] Maslova MN, et al.  
*Patol Fiziol Eksp Ter* 15:88-92, Sep-Oct 71 (89 ref.) (Rus)

### AMPHETAMINE (D5, D6)

Catecholamines in the brain as mediators of amphetamine psychosis. Snyder SE.  
*Arch Gen Psychiatry* 27:169-79, Aug 72 (86 ref.)  
Drug therapy in minimal brain dysfunction: a commentary. Erenberg G.  
*J Pediatr* 81:359-65, Aug 72 (47 ref.)

### AMYOTROPHIC LATERAL SCLEROSIS (C3, C10)

[Lateral amyotrophic sclerosis] Khondkar OA.  
*Klin Med (Mosk)* 50:11-4, May 72 (25 ref.) (Rus)  
ANABOLIC STEROIDS (D8)

Androgen therapy. Longson D.  
*Practitioner* 206:338-48, Mar 72 (18 ref.)

### ANALGESICS AND ANTIPIRETICS (D6)

New drugs of 1971. Hussar DA.  
*Am J Pharm* 144:5-22, Jan-Feb 72  
[Pathogenesis of chronic interstitial nephritis following prolonged analgesic abuse] Raafraub J, et al.  
*Klin Wochenschr* 50:489-97, 15 May 72 (60 ref.) (Eng. Abstr.) (Ger)

### ANATOMY (G1)

A historical note on the ascending reticular formation of the brain-stem. Meyer A.  
*Psychol Med* 1:13-7, Nov 70 (44 ref.)

### ANDROGENS (D8)

Androgen therapy. Longson D.  
*Practitioner* 206:338-48, Mar 72 (18 ref.)

### ANDROSTANES (D2)

Androgen therapy. Longson D.  
*Practitioner* 206:338-48, Mar 72 (18 ref.)

### ANEMIA (C9)

Dyserythropoiesis and dyserythropoietic anaemia. Lewis SM, et al. *Br J Haematol* 23:1-4, Jul 72 (18 ref.)  
The incidence of anaemia in Latin America. Nutr Rev 30:176-9, Aug 72 (6 ref.)  
[Cancer and anaemia] Urushitsuki I.  
*J Jap Med Assoc* 65:1399-410, 15 Dec 71 (82 ref.) (Jap)

### ANEMIA, APLASTIC (C9)

Dyserythropoiesis and dyserythropoietic anaemia. Lewis SM, et al. *Br J Haematol* 23:1-4, Jul 72 (18 ref.)

### ANEMIA, HEMOLYTIC, AUTOIMMUNE (C9, C14)

[Autoantibodies and autoimmune diseases in animals] Trautwein G.  
*Dtsch Tierarztl Wochenschr* 79:280-4 passim, 1 Jun 72 (Ger)

## MEDICAL REVIEWS

### ANEMIA, HEMOLYTIC, CONGENITAL (C9)

[Hereditary hemolytic anemias. (A review)] Reimer EE. *Wien Med Wochenschr* 122:367-71, 6 May 72 (Ger)

### ANEMIA, HYPOCHROMIC (C9)

Prevention and treatment of iron deficiency in children. Macdougall LG.  
*Med Times* 100:135 passim, Apr 72 (17 ref.)

### ANESTHESIA ADJUVANTS (D6)

Hyperkalemia in anesthesia. Robbins HS, et al.  
*Pa Med* 75:77-80, Feb 72 (19 ref.)

### ANESTHESIA, CONDUCTION (E3)

The use of nerve blocks for studying cardiopulmonary physiology in man. Eisele JH.  
*Br J Anaesth* 44:806-10, Jun 72 (23 ref.)

### ANESTHESIA, OBSTETRICAL (E3)

[Obstetric analgesia] Söder G.  
*Lakartidningen* 69:3134-5, 22 Jun 72 (34 ref.) (Eng. Abstr.) (Swe)

### ANESTHETICS (D6)

An analytical review of the effects of non-hydrogen-bonding anesthetics on memory processing. Porter AL.  
*Behav Biol* 7:391-399, Jun 72 (79 ref.)

[Ketamines as preanesthetic medication and anesthesia inducing agents—experiences in otorhinolaryngologic surgery in children] Erdmann W, et al.

*Anaesthesist* 21:209-12, May 72 (5 ref.) (Eng. Abstr.) (Ger)

[Animal experiment studies on the circulatory effect of ketamine and barbiturate in hemorrhagic shock] Patschke D, et al.

*Anaesthesist* 21:205-9, May 72 (13 ref.) (Eng. Abstr.) (Ger)

### ANGINA PECTORIS (C8)

[Current views on angina pectoris therapy] Lichten P.  
*Z Kreislauftforsch* 61:193-223, Mar 72 (162 ref.) (Eng. Abstr.) (Ger)

### ANGIOTENSIN (D5, D10)

[Action mechanism of angiotensin] Arakawa K.  
*Saisin Igaku* 27:911-5, May 72 (38 ref.) (Jap)

### ANIMAL DISEASES (C15)

[Autoantibodies and autoimmune diseases in animals] Trautwein G.  
*Dtsch Tierarztl Wochenschr* 79:306-10, 15 Jun 72 (199 ref.) (Ger)

### ANIMAL FEED (J)

The use of antibiotics as feed additives for farm animals. Lucas IA.  
*Proc Nutr Soc* 31:1-8, May 72 (74 ref.)

A review of some effects on health and performance of variations in the physical form of the diet of the growing pig. II. Fibrous constituents and water level. Lawrence TL. *Vet Rec* 91:34-8, 22 Jul 72 (60 ref.)

### ANIMAL NUTRITION (G1)

Maternal undernutrition and its long-term effects on the offspring. Roeder LM, et al.  
*Am J Clin Nutr* 25:812-21, Aug 72 (60 ref.)

Nutrition and enteric diseases in calves. Roy HH, et al.  
*Proc Nutr Soc* 31:53-60, May 72 (53 ref.)

A review of some effects on health and performance of variations in the physical form of the diet of the growing pig. II. Fibrous constituents and water level. Lawrence TL. *Vet Rec* 91:34-8, 22 Jul 72 (60 ref.)

### ANIMALS, NEWBORN (B2)

The transfer of antibodies by neonates and adults. Simpson-Morgan MW, et al.

*Adv Vet Sci Comp Med* 16:355-86, 1972 (126 ref.)

### ANOXIA (C17)

The metabolic function of oxygen and biochemical lesions of hypoxia. Cohen PJ.

*Anesthesiology* 37:148-77, Aug 72 (309 ref.)

[Adaptation to effort in conditions of hypoxia] Zamfiracu NR.

*Fiziol Norm Patol* 17:481-98, Nov-Dec 71 (114 ref.) (Rus)

### ANTIBIOTICS (D3)

New drugs of 1971. Hussar DA.  
*Am J Pharm* 144:5-22, Jan-Feb 72

The use of antibiotics as feed additives for farm animals. Lucas IA.

*Proc Nutr Soc* 31:1-8, May 72 (74 ref.)

### ANTIBODIES (D12)

The transfer of antibodies by neonates and adults. Simpson-Morgan MW, et al.

*Adv Vet Sci Comp Med* 16:355-86, 1972 (126 ref.) [Detection of Australia antigen and anti-Australia antibody—explanation of the technic and associated problems] Fujita K.

*Jap J Clin Med* 30:1123-30, May 72 (26 ref.) (Jap) [Hepatitis, Australia antigen and Australia antibody—analysis of Australia antigen, levels of Australia antibody and localization of Australia antigen in the hepatic tissue in acute hepatitis] Ichida F, et al.

*Jap J Clin Med* 30:1147-53, May 72 (33 ref.) (Jap)

### ANTIBODIES, HETEROTYPIC (D12)

[On Australia antigen, heterogeneity of the antibody and fecal antigen] Tomioka S.

*Jap J Clin Med* 30:1117-22, May 72 (29 ref.) (Jap)

### ANTIBODY FORMATION (G1)

The immunological basis of allergy. Lessof MH.  
*Practitioner* 206:735-41, Jun 72 (19 ref.)

### ANTICOAGULANTS (D7)

[Long-term anticoagulant therapy] Holzknecht F.  
*Wien Med Wochenschr* 122:327-34, 3 Jun 72 (29 ref.) (Ger)

### ANTICONVULSANTS (D6)

Drug therapy in minimal brain dysfunction: a commentary. Erenberg G.

*J Pediatr* 81:359-65, Aug 72 (47 ref.)

[Epilepsy: pharmacological bases of its treatment] Delmar A.

*Preuss Med Argent* 59:656-64, 26 May 72 (21 ref.) (Eng. Abstr.) (Spa)

### ANTIDEPRESSIVE AGENTS (D6)

On the slowness of action of tricyclic antidepressant drugs. Oswald I, et al.

*Br J Psychiatry* 120:673-7, Jun 72 (15 ref.)

### ANTIFIBRINOLYTIC AGENTS (D7)

[Substances inhibiting fibrinolysis] Lakin KM, et al.  
*Kardiologia* 12:130-53, 4 Apr 72 (427 ref.) (Rus)

### ANTIGENS (D12)

[On Australia antigen, heterogeneity of the antibody and fecal antigen] Tomioka S.

*Jap J Clin Med* 30:1117-22, May 72 (29 ref.) (Jap)

### ANTIHYPERTENSIVE AGENTS (D5)

[Beta adrenergic drugs in arterial hypertension] Gylden E.

*Union Med Can* 101:1336-41, Jul 72 (47 ref.) (Eng. Abstr.) (Fre)

[Drug therapy of arterial hypertension] Vorburger C.

*Ther Umsch* 29:369-81, Jun 72 (51 ref.) (Ger)

### ANTI-INFECTIVE AGENTS (D3)

Adventures with antibacterial drugs. Finland M.  
*Clin Pharmacol Ther* 13:469-511, Jul-Aug 72 (122 ref.)

[Results of chemotherapy of intestinal infections] Yamamoto T.

*Jap J Assoc Infect Dis* 46:41-6, Feb 72 (40 ref.) (Jap)

### ANTI-INFLAMMATORY AGENTS (D13)

New drugs of 1971. Hussar DA.

*Am J Pharm* 144:5-22, Jan-Feb 72

### ANTI-INFLAMMATORY AGENTS, TOPICAL (D13)

Medrysone: a review. *Drugs* 2:5-19, 1971 (18 ref.)

### ANTINEOPLASTIC AGENTS (D4)

New drugs of 1971. Hussar DA.

*Am J Pharm* 144:5-22, Jan-Feb 72

Cancer chemotherapy. Young CW, et al.

*Annu Rev Pharmacol* 11:369-86, 1971 (192 ref.)

## MEDICAL REVIEWS

## BONE DISEASES

[Combined chemotherapy in disseminated Hodgkin's disease] Arnata J.  
Pol Tyg Lek 27:927-9, 12 Jul 72 (16 ref.) (Pol)

### ANTITUBERCULAR AGENTS (D3)

Drug reactions. 18. Cutaneous reactions to antituberculous drugs. Levant A, et al. Br J Dermatol 86:651-5, Jun 72 (57 ref.)

### AORTIC ANEURYSM (C8)

Aortic dissections and dissecting aneurysms. Anagnostopoulos CE, et al. Am J Cardiol 30:263-73, Aug 72 (109 ref.)

### AORTIC DISEASES (C8)

Aortic dissections and dissecting aneurysms. Anagnostopoulos CE, et al. Am J Cardiol 30:263-73, Aug 72 (109 ref.)

### ARTERIOSCLEROSIS (C8)

[Role of arterial ground substance in the pathogenesis of atherosclerosis] Miasnikov LA, et al. Kardiologiya 12:128-39, 4 Apr 72 (204 ref.) (Rus)

### ARTHRITIS (C3)

[Value of the study of synovial fluid in rheumatismal monoarthritis] Vignon G, et al. Rhumatologie 24:18-26, Jan 72 (37 ref.) (Fre)

### ARTHRITIS, RHEUMATOID (C3, C17)

[Psychosomatic aspects of rheumatoid arthritis: review of the literature] Friedman H. Acta Psychiatri Belg 72:117-41, Jan 72 (70 ref.) (Eng. Abstr.) (Fre)

[Rheumatoid arthritis: treatment in 1972] Lussier A, et al. Union Med Can 101:1346-51, Jul 72 (25 ref.) (Eng. Abstr.) (Fre)

[Problems in the pathogenesis of infectious non-specific polyarthritides] Dormidonov EN. Vopr Revm 12:69-75, Jan-Mar 72 (138 ref.) (Rus)

### ASBESTOS (D1)

[Asbestos and its hazards to man] Nixie H. Dtsch Gesundheitsw 27:913-8, 18 May 72 (112 ref.) (Eng. Abstr.) (Ger)

### ASBESTOSIS (C5)

[Asbestos and its hazards to man] Nixie H. Dtsch Gesundheitsw 27:913-8, 18 May 72 (112 ref.) (Eng. Abstr.) (Ger)

### ASCORBIC ACID (D11)

[The eye and vitamin C] Suzuki Y. Ophthalmology (Tokyo) 14:347-57, May 72 (73 ref.) (Jap)

### ASPARAGINASE (D9)

Immunosuppression by L-asparaginase and related enzymes. Hersh EM. Transplantation 12:368-76, Nov 71 (96 ref.)

### ASSISTED CIRCULATION (E4)

[Clinical use of assisted circulation] Shumakov VI, et al. Klin Med (Mosk) 49:15-20, Jul 71 (53 ref.) (Rus)

### ATAxia (C10)

[Ataxia associated with muscular atrophy] Ueda K, et al. Jap J Clin Med 29:1883-90, Aug 71 (55 ref.) (Jap)

### ATHETOSIS (C10)

Diagnosis and treatment of the Lesch-Nyhan syndrome. Crawhall JC, et al. Pediatr Res 6:504-13, May 72 (74 ref.)

### AUTOANTIBODIES (D12)

[Autoantibodies and autoimmune diseases in animals] Trautwein G. Dtsch Tierarzt Wochenschr 79:306-10, 15 Jun 72 (199 ref.) (Ger)

### AUTOIMMUNE DISEASES (C14)

Immunologic aspects of diabetic angiopathy: does thyroid autoimmunity play an etiologic role in some forms of diabetic vasculitis? Premachandra BN. Osterr Z Erkrank Bekämpf Krebskr 8:302-43, Sep 71 (175 ref.)

[Autoantibodies and autoimmune diseases in animals] Trautwein G.

Dtsch Tierarzt Wochenschr 79:290-4 passim, 1 Jun 72 (Ger)

### AUTONOMIC DRUGS (D5)

The autonomic nervous system and some aspects of the use of autonomic drugs in children. I. Loggie JM, et al. J Pediatr 81:205-16, Aug 72

### AUTONOMIC NERVOUS SYSTEM (A8)

The autonomic nervous system and some aspects of the use of autonomic drugs in children. I. Loggie JM, et al. J Pediatr 81:205-16, Aug 72

### AXONS (A8, A11)

A review of the central response to peripheral nerve injury and its significance in nerve regeneration. Engh CA, et al. J Neurosurg 37:195-203, Aug 72 (61 ref.)

### BACTERIA (B3)

Dinitrogen (N<sub>2</sub>) fixation (with a biochemical emphasis). Dalton H, et al. Bacteriol Rev 36:231-60, Jun 72 (210 ref.)

Conservation and transformation of energy by bacterial membranes. Harod F. Bacteriol Rev 36:172-230, Jun 72 (403 ref.)

[Isolation of catabolite repressive and cyclic AMP mutants] Horiochi T.

Protein Nucleic Acid Enzyme (Tokyo) 17:Suppl:204-8, 1972 (41 ref.) (Jap)

[Isolation of mutant strains having abnormal repressors of the lactose catabolizing operon] Horiochi T, et al.

Protein Nucleic Acid Enzyme (Tokyo) 17:Suppl:154-60, 1972 (43 ref.) (Jap)

[RNA polymerase mutants of bacteria] Igashiki K, et al.

Protein Nucleic Acid Enzyme (Tokyo) 17:Suppl:127-33, 1972 (47 ref.) (Jap)

[Experimental methods of bacterial conjugation] Ishibashi M, et al.

Protein Nucleic Acid Enzyme (Tokyo) 17:Suppl:44-63, 1972 (42 ref.) (Jap)

[Release of metabolic products by mutants with abnormal regulatory genes and its application in fermentation] Nakayama K.

Protein Nucleic Acid Enzyme (Tokyo) 17:Suppl:299-301, 1972 (52 ref.) (Jap)

[Value of intestinal microflora for balanced human nutrition] Haenel H.

Vopr Pitani 31:7-12, Jan-Feb 72 (19 ref.) (Rus)

### BACTERIAL INFECTIONS (C1)

[Results of chemotherapy of intestinal infections] Yamamoto T.

J Jap Assoc Infect Dis 46:41-6, Feb 72 (40 ref.) (Jap)

[Value of intestinal microflora for balanced human nutrition] Haenel H.

Vopr Pitani 31:7-12, Jan-Feb 72 (19 ref.) (Rus)

### BACTERIOPHAGE (B4)

[New method of phage isolation] Matsushiro A, et al. Protein Nucleic Acid Enzyme (Tokyo) 17:Suppl:292-8, 1972 (62 ref.) (Jap)

[Transduction by bacteriophages] Ozeki H.

Protein Nucleic Acid Enzyme (Tokyo) 17:Suppl:64-75, 1972 (46 ref.) (Jap)

### BACTERIURIA (C1, C6)

[Bacteriuria and its sequelae in obstetrics] Fischer W.

Z Aerstl Fortbild (Jena) 65:895-9, 1 Sep 71 (47 ref.) (Ger)

### BASEMENT MEMBRANE (A10)

[Current data on the origin, structure and function of basement membranes in normal and pathological conditions] Murav'ev GN, et al.

Arkh Patol 34:71-7, 1972 (111 ref.) (Eng. Abstr.) (Rus)

### BASIDIOMYCETES (B5)

Genetic structure and evolution of the incompatibility factors in higher fungi. Koltin Y, et al. Bacteriol Rev 36:156-71, Jun 72 (92 ref.)

### BEHAVIOR (F1)

The significance of heart rate for behavior: a critique of Lacey's hypothesis. Elliott R.

J Pers Soc Psychol 23:396-409, Jun 72 (46 ref.)

### BEHAVIOR, ANIMAL (F1)

Survival, mating and rearing strategies in the evolution of primate social structure. Goss-Custard JD, et al. Folia Primatol (Basel) 17:1-19, 1972 (42 ref.)

### BIBLIOGRAPHY (L)

[Review on the British dermatologic literature of

1968-70] Keir MI, et al.

Hautarzt 23:149-54, Apr 72 (112 ref.) (Ger)

### BILE DUCTS (A3)

Special article: functional implications of human portal and bile ductular ultrastructure. Sternlieb I. Gastroenterology 63:321-7, Aug 72 (33 ref.)

### BILIRUBIN (D10)

The bilirubin story. Brandt KH.

Folia Med Neerl 15:167-76, 1972 (75 ref.)

### BIOMEDICAL ENGINEERING (G2, J)

New developments in lower-limb orthotics through bioengineering. Lehneis HR.

Arch Phys Med Rehabil 53:303-10 passim, Jul 72 (16 ref.)

### BLOOD-BRAIN BARRIER (G1)

The anatomy of the blood brain barrier: a review. Dunn JS, et al. Scott Med J 17:31-36, Jan 72 (30 ref.)

### BLOOD COAGULATION (G1)

Theory of blood coagulation in disseminated intravascular coagulation (D. I. C.). Murano G.

Folia Haematol (Leips) 97:5-19, 1972 (92 ref.)

The liver and blood coagulation: physiology and pathology. Roberto HR, et al.

Gastroenterology 63:297-320, Aug 72 (156 ref.)

### BLOOD COAGULATION DISORDERS (C9)

[Dysfibrinogenemia] Philippe N.

Pediatrics 27:93-100, Jan-Feb 72 (25 ref.) (Fre)

### BLOOD COAGULATION FACTORS (D7, D10)

Participation of components of the blood coagulation system in the inflammatory response. McKay DG.

Am J Pathol 67:181-210, Apr 72 (64 ref.)

### BLOOD PLATELETS (A11)

Platelets and thrombogenesis-current concepts. Schnetzer GW 3d. Am Heart J 83:552-64, Apr 72

[The role of thrombocytes in hemostasis and maintenance of vascular wall resistance under normal and pathologic conditions] Baluda VP, et al.

Frohl Gematol Pereliv Krevi 16:26-37, May 71 (216 ref.) (Rus)

### BLOOD PRESSURE (G1)

The inter-relationships between renal prostaglandins and blood pressure regulation. Lee JB.

Am J Med Sci 263:335-46, May 72 (52 ref.)

### BLOOD PROTEIN DISORDERS (C9)

Plasma cell myelomatosis and other monoclonal gammopathies. Azar HA.

Pathol Ann 7:1-17, 1972 (54 ref.)

### BLOOD PROTEINS (D10)

Protein-losing enteropathy and kinetic studies of plasma protein metabolism. Waldmann TA.

Semin Nucl Med 2:251-63, Jul 72 (25 ref.)

### BLOOD TRANSFUSION (E2)

[Blood banks and the problem of Australia antigen] Murakami S.

Jap J Clin Med 30:1164-6, May 72 (29 ref.) (Jap)

### BONE AND BONES (A2, A10)

Problems of the composition and structure of the bone minerals. Simpson DR.

Clin Orthop 86:200-26, Jul-Aug 72 (61 ref.)

Drugs toxic to bone. Au WY, et al.

Semin Drug Treat 2:137-46, Summer 72 (39 ref.)

### BONE DISEASES (C3)

Avascular necrosis of the femoral head in the adult. A review of its incidence in a variety of conditions.

Horndon JH, et al.

Clin Orthop 86:43-62, Jul-Aug 72 (114 ref.)

Physiological changes in metabolic disorders of bone and evaluation of agents used in their treatment.

Yasunura S.

Semin Drug Treat 2:1-12, Summer 72 (87 ref.)

## BRAIN

### BRAIN (A8)

- The effect of neuropharmacological agents on metabolism in vitamin B6 in brain. McCoy EE, et al. *Adv Biochem Psychopharmacol* 4:93-104, 1972 (36 ref.)  
Vitamin B6 deficiency and brain lipids in the suckling rat. *Nutr Rev* 30:183-4, Aug 72 (15 ref.)  
Radionuclide imaging of the central nervous system in children. Conway JJ.  
*Radiol Clin North Am* 10:291-312, Aug 72 (59 ref.)  
The anatomy of the blood-brain barrier: a review. Dunn JS, et al. *Scott Med J* 17:21-36, Jan 73 (30 ref.)  
[Role of thiamine in the nervous function] Iwata H, et al. *Folia Pharmacol Jap* 68:1-18, Jan 73 (178 ref.) (Jap)  
[Malformations of the central nervous system—hydrocephalus, encephalocele, microcephalus, etc] Hanada J, et al. *Jap J Clin Med* 30:139-43, Jan 73 (36 ref.) (Jap)  
[Epilepsy: pharmacological bases of its treatment] Delmar A.  
*Prensa Med Argent* 59:656-64, 26 May 72 (21 ref.) (Eng. Abstr.) (Spa)

### BRAIN CHEMISTRY (G1)

- Catecholamines in the brain as mediators of amphetamine psychosis. Snyder SH.  
*Arch Gen Psychiatry* 27:169-79, Aug 72 (86 ref.)  
[Recent views on the biochemical aspects of the mode of action of analgesics acting like morphine in the central nervous system] Kuschinsky K.  
*Klin Wochenschr* 50:401-9, 15 Apr 72 (99 ref.) (Eng. Abstr.) (Ger)  
[Gamma-aminobutyric acid system in the brain under extreme conditions (review of the literature)] Maslova MN, et al.  
*Patol Fisiol Eksp Ter* 15:88-92, Sep-Oct 71 (89 ref.) (Rus)

### BRAIN DAMAGE, CHRONIC (C10)

- Drug therapy in minimal brain dysfunction: a commentary. Krenberg G.  
*J Pediatr* 81:389-95, Aug 72 (47 ref.)

### BRAIN DISEASES (C10)

- Radionuclide imaging of the central nervous system in children. Conway JJ.  
*Radiol Clin North Am* 10:291-312, Aug 72 (59 ref.)

### BRAIN NEOPLASMS (C2)

- Radionuclide imaging of the central nervous system in children. Conway JJ.  
*Radiol Clin North Am* 10:291-312, Aug 72 (59 ref.)  
[Brain tumors] Hanada H, et al.  
*Jap J Clin Med* 30:431-6, Jan 73 (40 ref.) (Jap)

### BREAST NEOPLASMS (C2)

- The pathologist and modern breast cancer management. Gallagher HE.  
*Pathol Annu* 7:331-50, 1972 (42 ref.)

### BURNS (C14)

- Hyperkalemia in anesthesia. Robbins HS, et al.  
*Pa Med* 75:77-80, Feb 72 (19 ref.)

### CALCIFICATION, PHYSIOLOGIC (G1)

- Calcification of cartilage. Alcock NW.  
*Clin Orthop* 86:387-311, Jul-Aug 72 (129 ref.)

### CALCIUM METABOLISM DISORDERS (C13)

- [Calcium metabolism abnormalities and the levels of parathyroid hormone and calcitonin in the blood] Fujita T.  
*Jap J Clin Med* 30:744-50, Mar 72 (36 ref.) (Jap)

### CANNABIS (B6, D2, D6)

- The effect of neuropharmacological agents on metabolism in vitamin B6 in brain. McCoy EE, et al. *Adv Biochem Psychopharmacol* 4:93-104, 1972 (36 ref.)  
[Hashish and LSD. Physical and mental effects. 2] Remschmidt H.  
*Med Klin* 67:781-6, 2 Jun 72 (118 ref.) (Ger)

### CARBOHYDRATE METABOLISM, INBORN ERRORS (C13)

- The systemic mucopolysaccharidoses. Spranger J.  
*Ergebn Inn Med Kinderheilkd* 33:165-265, 1972 (563 ref.)

## MEDICAL REVIEWS

### CARCINOGENS (D13)

- The value of the mouse in carcinogenicity testing. Grasso P, et al. *Food Cosmet Toxicol* 10:419-36, Jun 72  
Respiratory carcinogenesis studies with the Syrian golden hamster: a review. Nettesheim P.  
*Prog Exp Tumor Res* 16:185-200, 1972 (42 ref.)  
[Prevention of contamination of food products by carcinogenic substances] Il'nikif AP, et al.  
*Vopr Onkol* 18:106-10, 1972 (83 ref.) (Rus)

### CARDIOVASCULAR SYSTEM (A7)

- Central nervous control of cardiac activity. II. Manchanda SK.  
*Indian J Physiol Pharmacol* 14:211-30, Oct 70 (134 ref.)  
[Animal experiment studies on the circulatory effect of Ketamine and barbiturate in hemorrhagic shock] Patschke D, et al.  
*Anaesthesist* 21:205-9, May 72 (13 ref.) (Eng. Abstr.) (Ger)

### CARRAGEENAN (D11)

- Biological properties of carrageenan. Di Rosa M.  
*J Pharm Pharmacol* 24:89-102, Feb 72 (104 ref.)

### CARTILAGE (A10)

- Calcification of cartilage. Alcock NW.

*Clin Orthop* 86:387-311, Jul-Aug 72 (129 ref.)

### CAT DISEASES (C15)

- Comparative oncology: dogs, cats, and man. Dorn CR.  
*Perspect Biol Med* 15:507-19, Summer 72 (71 ref.)

### CATARACT (C11)

- Effects of drugs on the lens. Paterson CA.  
*Int Ophthalmol Clin* 11:63-97, 1971 (149 ref.)

### CATECHOLAMINES (D2)

- Catecholamines in the brain as mediators of amphetamine psychosis. Snyder SH.  
*Arch Gen Psychiatry* 27:169-79, Aug 72 (86 ref.)  
[Mechanism of action of catecholamines] Takenaka F.  
*Saisaku Igaku* 27:948-52, May 72 (48 ref.) (Jap)

### CATTLE DISEASES (C15)

- Nutrition and enteric diseases in calves. Roy JH, et al.  
*Proc Nutr Soc* 31:53-60, May 72 (53 ref.)  
Bovine respiratory disease: is control possible? Phillip JL.  
*Vet Rec* 90:552-5, 13 May 72 (37 ref.)

### CELL MEMBRANE (A11)

- Conservation and transformation of energy by bacterial membranes. Harold FM.  
*Bacteriol Rev* 36:172-230, Jun 72 (403 ref.)  
[Action of insulin on cell membrane] Kuzuya T.  
*Saisaku Igaku* 27:983-90, May 72 (37 ref.) (Jap)

### CELL MOVEMENT (G1)

- Polarized intracellular particle transport: saltatory movements and cytoplasmic streaming. Rebhun LI.  
*Int Rev Cytol* 32:53-137, 1972

### CELL TRANSFORMATION, NEOPLASTIC (C2, G1)

- Recent advances in molecular pathology. The state of the viral genome in cells transformed by simian virus 40: a review. Buted JS, et al.  
*Exp Mol Pathol* 17:103-19, Aug 72 (59 ref.)  
Genes which increase chromosomal instability in somatic cells and predispose to cancer. German J.  
*Prog Med Genet* 8:81-101, 1972 (129 ref.)

### CELLS (A11)

- [Study of the living cell by ultraviolet and laser local irradiation] Sakharov VN.  
*Usp Sovrem Biol* 73:231-48, Mar-Apr 72 (85 ref.) (Rus)

### CENTRAL NERVOUS SYSTEM (A8)

- Central nervous control of cardiac activity. II. Manchanda SK.  
*Indian J Physiol Pharmacol* 14:211-30, Oct 70 (134 ref.)

### CEREBROSPINAL FLUID PROTEINS (D10)

- [Relation of total cerebrospinal fluid proteins to general parameters] Habbeck D.  
*Psychiatr Neurol Med Psychol (Leips)* 24:241-55, May 72 (58 ref.) (Eng. Abstr.) (Ger)

### CESTODA (B1)

- Caryophyllidae (Cestodidae): a review. Mackiewicz JS.  
*Exp Parasitol* 31:417-512, Jun 72 (373 ref.)

### CHILD ABUSE (I)

- Battered children. Lukianowicz N.  
*Psychiatr Clin (Basel)* 4:257-80, 1971 (44 ref.)

### CHOLECALCIFEROL (D11)

- [Active metabolites of vitamin D] Miravet L, et al.  
*Cah Med* 13:159-66, Mar 72 (55 ref.) (Fre)

### CHOLECYSTOKININ (D8)

- Gastrointestinal hormones and insulin secretion. *Scand J Gastroenterol* 7:289-92, 1972 (38 ref.)

### CHOLERA (C1)

- Studies on the pathogenesis of cholera. Hendrix TR.  
*Trans Am Clin Climatol Assoc* 63:83-70, 1972 (23 ref.)

### CHOLESTEROL (D2, D11)

- Recent investigations on the nature of sterol intermediates in the biosynthesis of cholesterol. Schroepfer GJ Jr, et al.  
*Proc R Soc Lond [Biol]* 180:125-46, 15 Feb 72 (117 ref.)

### CHROMOSOME ABERRATIONS (G1)

- Cytogenetic aspects of induced and spontaneous abortions. Carr DH.  
*Clin Obstet Gynecol* 15:203-19, Mar 72 (26 ref.)

### CHROMOSOME ABNORMALITIES (C16)

- Present status and future trends in prenatal diagnosis of chromosomal disorders. Warburton D, et al.  
*Clin Obstet Gynecol* 15:273-82, Mar 72 (24 ref.)  
Genes which increase chromosomal instability in somatic cells and predispose to cancer. German J.  
*Prog Med Genet* 8:81-101, 1972 (129 ref.)  
[Use of methods of studying sex chromatin (literature review)] Andreeva EI, et al.  
*Vopr Okhr Materin Det* 16:45-9, Aug 71 (41 ref.) (Rus)

### CHROMOSOMES (A11)

- A survey of DNA content per cell and per chromosome of prokaryotic and eukaryotic organisms: some evolutionary considerations. Sparrow AH, et al.  
*Brookhaven Symp Biol* 23:451-94, 1972 (173 ref.)  
[New techniques for chromosome study] Berger R.  
*Pathol Biol (Paris)* 20:413-24, Apr 72 (128 ref.) (Eng. Abstr.) (Fre)

### CIRCADIAN RHYTHM (G1)

- Circadian chronopharmacology. Reinberg A, et al.  
*Annu Rev Pharmacol* 11:455-92, 1971 (223 ref.)

### CLOMIPHENE (D8)

- [The therapeutic value of Clomid in anovulatory cycles] Bugala K.  
*Gynaekol Pol* 43:739-44, 1972 (38 ref.) (Eng. Abstr.) (Pol)

- [Use of clomiphene for treating sterility] Manuillova IA, et al. *Sov Med* 35:49-52, May 72 (43 ref.) (Rus)

### COLD (H)

- Lipid metabolism during cold-exposure and during cold-acclimation. Hinuma-Hagen J.  
*Lipids* 7:310-23, May 72 (126 ref.)  
[Cryosurgery. 1. Advantages and properties of extreme cold used for therapeutic effects] Gottschalk E, et al.  
*Z Aeriol Fertilh (Jena)* 65:945-7, 15 Sep 71 (19 ref.) (Ger)

### COLIPHAGES (B4)

- [Isolation of mutants with abnormal lambda-repressor, operators and promoters] Horinuchi T.

- Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:374-86, 1972 (97 ref.) (Jap)

- [T3 and T7 phages] Matsuo H, et al.

- Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:345-51, 1972 (42 ref.) (Jap)

- [T5 bacteriophage] Mizobuchi K.

- Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:352-60, 1972 (39 ref.) (Jap)

- [Isolation of regulatory mutants] Sato K.

- Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:366-73, 1972 (51 ref.) (Jap)

# MEDICAL REVIEWS

DOPAMINE

## COLLAGEN (D10)

[Some enzymatic stages of collagen biosynthesis] Sopata I. *Reumatologia* 10:171-80, 1972 (76 ref.) (Pol)

## COLLAGEN DISEASES (C17)

[Collagen disease and SLE] Aoyanagi T. *Jap J Clin Med* 30:413-5, Jan 72 (19 ref.) (Jap) [Pharmacological aspects of collagen diseases] Arnaiz Abella J. *An Esp Odontostomatol* 31:249-72, Jul-Aug 72 (Spa)

## COLON (A3)

Physiology of the colon and rectum. Hagihara PF, et al. *Surg Clin North Am* 52:797-805, Aug 72 (29 ref.)

## COMA (C10)

[The etiology and treatment of myxedema coma] Gilboa I. *Harefrah* 82:418-20, 1 May 72 (16 ref.) (Heb)

## COMPLEMENT (D10, D12)

The complement system of man. I. Ruddy S, et al. *N Engl J Med* 287:489-95, 7 Sep 72 (58 ref.)

## CONJUGATION, GENETIC (G1)

[Experimental methods of bacterial conjugation] Ishibashi M, et al. *Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:44-63, 1972 (42 ref.) (Jap)

## CONNECTIVE TISSUE (A10)

[Role of arterial ground substance in the pathogenesis of atherosclerosis] Misanikov LA, et al. *Kardiologiya* 12:126-39, 4 Apr 72 (204 ref.) (Rus)

## CONTRACEPTION (E2)

[Neurohormonal basis of fertility and fertility inhibition] Döcke F, et al. *Z Aerztl Fortbild (Jena)* 66:384-94, 15 Apr 72 (Ger)

## CONTRACEPTIVES, ORAL (D8, D13)

Hormonal steroid contraceptives. 3. Adverse reactions. McQueen EG. *Drugs* 2:30-44, 1971  
Hormonal steroid contraceptives. I. Physiological and pharmacological considerations. Seddon RJ. *Drugs* 1:399-420, 1971

## COPPER (D1)

Another instalment of copper. *Food Cosmet Toxicol* 10:414-8, Jun 72

## CORONARY DISEASE (C8)

The hyperlipidemias and coronary artery disease. Stone NJ, et al. *DM* 1-35, Aug 72 (62 ref.)

## CORTICOTROPIN (D8)

[Mechanism of action of ACTH] Imura H, et al. *Saisin Igaku* 27:647-52, May 72 (31 ref.) (Jap) [Feedback mechanism in ACTH secretion] Takebe K, et al. *Saisin Igaku* 27:964-68, May 72 (53 ref.) (Jap)

## CRISIS INTERVENTION (F3, N2)

A review of crisis intervention programs. Schwartz SL. *Psychiatr Q* 45:408-506, 1971 (24 ref.)

## CRYOGENIC SURGERY (E4)

[Cryosurgery. 1. Advantages and properties of extreme cold used for therapeutic effects] Gottschalk E, et al. *Z Aerztl Fortbild (Jena)* 65:945-7, 15 Sep 71 (19 ref.) (Ger)

[Outlook for cryosurgery] Hoki A. *Otolaryngology (Tokyo)* 44:307-30, May 72 (63 ref.) (Eng. Abstr.) (Jap)

## CRYPTORCHISM (C16)

[Therapy of cryptorchism with special reference to hormone therapy using gonadotropin] Waschulewski H. *Zentralbl Chir* 97:521-8, 29 Apr 72 (21 ref.) (Ger)

## CRYSTALLIZATION (H)

Crystals in pathologic specimens. Johnson FB. *Pathol Ann* 7:321-44, 1972 (23 ref.)

## CYCLOHEXANE (D2)

[Ketamines as preanesthetic medication and anesthesia inducing agents-experiences in otolaryngologic surgery in children] Erdmann W, et al.

## Anaesthesia 21:209-12, May 72 (5 ref.) (Eng. Abstr.) (Ger)

[Animal experiment studies on the circulatory effect of ketamine and barbiturate in hemorrhagic shock] Patzschke D, et al. *Anaesthesia* 21:205-9, May 72 (13 ref.) (Eng. Abstr.) (Ger)

## CYCLOPHOSPHAMIDE (D4)

[Metabolic pathways of cyclophosphamide] Norpeth K, et al. *Klin Wochenschr* 50:449-53, 1 May 72 (46 ref.) (Eng. Abstr.) (Ger)

## CYTOGENETICS (G1)

[New techniques for chromosome study] Berger R. *Pathol Biol (Paris)* 20:413-24, Apr 72 (138 ref.) (Eng. Abstr.) (Fre)

## CYTOPLASMIC GRANULES (A11)

Polarized intracellular particle transport: saltatory movements and cytoplasmic streaming. Rebhun LL. *Int Rev Cytol* 32:93-137, 1972

## CYTOPLASMIC STREAMING (G1)

Polarized intracellular particle transport: saltatory movements and cytoplasmic streaming. Rebhun LL. *Int Rev Cytol* 32:93-137, 1972

## DANCING (E2)

[The role of choreotherapy in the psychomotor rehabilitation of neurotic teenagers] Alessko Z. *Psychiatr Pol* 6:345-8, May-Jun 72 (12 ref.) (Pol)

## DDT (D3)

The debate on DDT. Deichmann WB. *Arch Toxikol* 29:1-27, 1972 (27 ref.)

## DENTAL CARIES (C4)

[Critical study of the pathogenetic theories of dental caries] Klees L. *Acta Stomatol Belg* 69:17-48, 1972 (Fre)

## DENTAL PULP DISEASES (C4)

Pulp therapy in pedodontics. Franki SN. *Oral Surg* 34:293-309, Aug 72 (131 ref.) Inflammation and infection of pulp and periapical tissues. Naidorf LI. *Oral Surg* 34:486-97, Sep 72 (101 ref.)

## DENTISTRY (E6, G2)

Intra-oral radiotelemetry. Mühlmann HR. *Int Dent J* 21:456-65, 4 Dec 72 (80 ref.)

## DEPRESSION (F2)

Biochemistry of depression (a review of the literature). Allon GA. *Behav Neuropsychiatry* 3:2-5 passim, Dec 71 (47 ref.)

## DERMATITIS MEDICAMENTOSA (C12, C14)

Drug reactions. 18. Cutaneous reactions to antitubercular drugs. Levantine A, et al. *Br J Dermatol* 86:451-5, Jun 72 (57 ref.)

## DERMATOLOGY (G2)

[Review on the British dermatologic literature of 1968-70] Keir MI, et al. *Hautarzt* 23:149-54, Apr 72 (112 ref.) (Ger)

## DIABETIC ANGIOPATHIES (C7, C8, C13)

Diabetogenous peripheral microangiopathy. Baerg RH. *J Am Pediatr Assoc* 63:169-78, May 72 (65 ref.) Immunologic aspects of diabetic angiopathy: does thyroid autoimmunity play an etiologic role in some forms of diabetic vasculitis? Premachandra BN. *Osterr Z Ernähr Bekämpf Krebskr* 6:302-43, Sep 71 (175 ref.)

## DIAZOXIDE (D5)

Diazoxide and the secretion of insulin. *Nutr Rev* 30:194-8, Aug 72 (10 ref.)

## DIETARY CARBOHYDRATES (D11)

Dietary sugars and intestinal enzymes. Koawanaqif NS. *J Am Diet Assoc* 80:483-4, Jun 72 (34 ref.)

## DIETARY FATS (D11)

Analysis of sterols: application to sterol balance studies. Subbiah MT. *Am J Clin Nutr* 25:788-8, Aug 72 (51 ref.)

## DIGITALIS GLYCOSIDES (D5)

Contribution of quantitative assay techniques to the understanding of the clinical pharmacology of digitalis. Smith TW. *Circulation* 46:188-99, Jul 72 (100 ref.)

## DIMETHYL SULFOXIDE (D13)

[Dimethyl sulfoxide metabolism (literature review)] Zaks AS, et al. *Farmakol Toksikol* 34:632-5, Sep-Oct 71 (46 ref.) (Rus)

## DISEASE MODELS, ANIMAL (C17)

Endocrine-metabolic anomalies in rodents with hyperglycemic syndromes of hereditary and/or environmental origin. Renold AE, et al. *Isr J Med Sci* 8:189-206, Mar 72 (51 ref.)

Comparative oncology: dogs, cats, and man. Dorn CR. *Perspect Biol Med* 15:507-19, Summer 72 (71 ref.) Cardiomyopathy: Syrian hamster: a possible model of human disease. Goritz EW. *Prog Exp Tumor Res* 16:242-60, 1972 (35 ref.)

[Collagen disease and SLE] Aoyanagi T. *Jap J Clin Med* 30:413-5, Jan 72 (19 ref.) (Jap) [Medico-biological experiments on pigs (review of foreign literature)] Dushkin VA, et al. *Patol Fiziol Eksp Ter* 15:84-6, Sep-Oct 71 (43 ref.) (Rus)

## DISSEMINATED INTRAVASCULAR COAGULATION (C9)

Theory of blood coagulation in disseminated intravascular coagulation (D. I. C.). Murano G. *Folia Haematol (Leips)* 97:5-19, 1972 (92 ref.)

## DIURETICS (D7)

[Nephrotoxicity of diuretics] Fournier A, et al. *Eur J Toxicol* 4:285-99, Jul-Aug 71 (60 ref.) (Eng. Abstr.) (Fre)

## DIVERTICULITIS, COLONIC (C4)

Current knowledge of diverticular disease of the colon. Berman PM, et al. *Am J Dig Dis* 17:741-59, Aug 72 (90 ref.)

## DIVERTICULOSIS, COLONIC (C4)

Current knowledge of diverticular disease of the colon. Berman PM, et al. *Am J Dig Dis* 17:741-59, Aug 72 (90 ref.) [Diverticulosis of the large intestine] Rivkin VL, et al. *Sev Med* 35:44-9, May 72 (97 ref.) (Rus)

## DNA (D10)

A survey of DNA content per cell and per chromosome of prokaryotic and eukaryotic organisms: some evolutionary considerations. Sparrow AH, et al. *Brookhaven Symp Biol* 23:451-94, 1972 (173 ref.)

## DNA, VIRAL (D10)

Recent advances in molecular pathology. The state of the viral genome in cells transformed by simian virus 40: a review. Butel JS, et al. *Exp Mol Pathol* 17:103-19, Aug 72 (50 ref.)

## DNA VIRUSES (B4)

The parvoviruses. Toolan HW. *Prog Exp Tumor Res* 16:418-25, 1972 (103 ref.)

## DOG DISEASES (C15)

Comparative oncology: dogs, cats, and man. Dorn CR. *Perspect Biol Med* 15:507-19, Summer 72 (71 ref.) [Autoantibodies and autoimmune diseases in animals] Trautwein G. *Dtsch Tierärztl Wochenschr* 79:280-4 passim, 1 Jun 72 (Ger)

## DOPA (D2, D10)

The effect of neuropharmacological agents on metabolism in vitamin B6 in brain. McCoy KK, et al. *Adv Biochem Psychopharmacol* 4:33-104, 1972 (36 ref.)

## DOPAMINE (D2, D5)

Dopamine, extrapyramidal system, and psychomotor function. Papaschi R.

## DOPAMINE

*Psychiatr Neurol Neurochir* 75:13-48, Jan-Feb 72 (285 ref.)

### DREAMS (F1)

Nightmare behavior: a review. Hersen M. *Psychol Bull* 78:37-48, Jul 72 (49 ref.)

### DRUG ABUSE (F1, F2, I)

Rapid identification of psychopharmacologic agents in cases of drug abuse. Sohn D, et al. *Clin Chem* 18:405-9, May 72 (28 ref.)

### DRUG ADDICTION (F2)

The family of the addict: a review of the literature. Seldin NE. *Int J Addict* 7:97-107, 1972 (35 ref.) [Recent views on the biochemical aspects of the mode of action of analgesics acting like morphine in the central nervous system] Kuschinsky K. *Klin Woenschr* 50:401-9, 15 Apr 72 (99 ref.) (Eng. Abstr.) (Ger.)

### DRUG ANTAGONISM (G1)

Biochemical pathology. Farber E. *Annu Rev Pharmacol* 11:71-96, 1971 (300 ref.)

### DRUG HYPERSENSITIVITY (C14)

In-vitro methods of detecting drug hypersensitivity. Pence HL, et al. *Med Ann DC* 41:431-6, Jul 72 (51 ref.)

### DRUG INTERACTIONS (G1)

Drug interactions in clinical medicine. Rosenoer VM, et al. *Med Clin North Am* 56:585-97, May 72 (81 ref.)

### DRUG RESISTANCE, MICROBIAL (G1)

[R mutants] Watanabe T. *Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:187-91, 1972 (43 ref.) (Jap)

### DRUG THERAPY (E2)

Effects of drugs on the lens. Paterson CA. *Int Ophthalmol Clin* 11:63-97, 1971 (149 ref.) Systemic therapeutic agents and glaucoma. Willette GS, et al. *Practitioner* 209:27-34, Jul 72 (27 ref.)

Drugs toxic to bone. Au WY, et al. *Semin Drug Treat* 2:137-46, Summer 72 (39 ref.) [Neurology. Side effects and complications of drug therapy] Suchenwirth R, et al. *Munch Med Wochenschr* 114:467-70, 10 Mar 72 (Ger)

### DRUGS (D13)

Rapid identification of psychopharmacologic agents in cases of drug abuse. Sohn D, et al. *Clin Chem* 18:405-9, May 72 (28 ref.) The effect of foreign compounds on elasmobranchs and the effect of elasmobranchs on foreign compounds. Adamson RH, et al. *Comp Biochem Physiol* [A] 42:171-82, 1 May 72 (35 ref.)

### DUODENAL ULCER (C4)

Current operations for duodenal ulcer. Herrington JL Jr. *Curr Probl Surg* 1-61, Jul 72 (275 ref.)

### DYSPNEA (C5, C17)

[Feelings of breathlessness] Frankshtain SI, et al. *Patol Fiziol Eksp Ter* 16:3-10, Jan-Feb 72 (45 ref.) (Rus)

### ECOLOGY (G1)

Eutrophication. Foehrenbach J. *J Water Pollut Control Fed* 44:1150-9, Jun 72 (65 ref.)

### EDEMA (C17)

[Tolerance to synthetic material in plastic surgery] Lejour M, et al. *Acta Chir Belg* 70:245-83, Mar 71 (182 ref.) (Eng. Abstr.) (Fre)

### ELECTRIC ORGAN (A13)

Studies on the molecular mechanism of the response of an excitable membrane to cholinergic agents. Changeux JP.

*Chem Phys Lipids* 8:355-65, May 72 (17 ref.)

### ELECTRORETINOGRAPHY (E1)

[Electroretinography in normal man] Yonemura D, et al.

## MEDICAL REVIEWS

*Ophthalmology (Tokyo)* 14:391-406, May 72 (174 ref.) (Jap)

### ENCEPHALOCELE (C16)

[Malformations of the central nervous system—hydrocephalus, encephalocele, microcephalus, etc] Hanada J, et al. *Jap J Clin Med* 30:139-43, Jan 72 (26 ref.) (Jap)

### ENDOCRINE DISEASES (C7)

[Viral infections and endocrine diseases] Morrone G. *Pediatria (Napoli)* 80:72-88, 30 Mar 72 (134 ref.) (Ita)

### ENDOMETRIUM (A5)

Endometrial hyperplasias, precursors of endometrial carcinoma. Vellios F. *Pathol Annu* 7:201-29, 1972 (65 ref.)

### ENTEROBACTERIACEAE (B3)

[Immunologic problems of enterobacteriaceae immunization] Koch H, et al. *Z Gesamte Inn Med* 27:237-41, 15 Mar 72 (62 ref.) (Eng. Abstr.) (Ger)

### ENVIRONMENT (G3)

Endocrine-metabolic anomalies in rodents with hyperglycemic syndromes of hereditary and/or environmental origin. Renold AE, et al. *Isr J Med Sci* 8:189-206, Mar 72 (51 ref.)

### EPILEPSY (C10)

[Epilepsy: pharmacological bases of its treatment] Delmar A. *Prensas Med Argent* 59:656-64, 26 May 72 (21 ref.) (Eng. Abstr.) (Spa)

### ERYTHEMA NODOSUM (C12)

[Etiology of erythema nodosum] Mygind N. *Ugeskr Laeger* 134:1161-3, 29 May 72 (24 ref.) (Eng. Abstr.) (Dan)

### ERYTHROCYTES (A11)

Erythrocyte glutathione reductase—a measure of riboflavin nutritional status. *Nutr Rev* 30:162-4, Jul 72 (11 ref.)

### ERYTHROPOIESIS (G1)

Dyserythropoiesis and dyserythropoietic anaemia. Lewis SM, et al. *Br J Haematol* 23:1-4, Jul 72 (18 ref.)

### ESTROGENS (D8)

[Estrogen-receptors—a second messenger?] Kawashima T, et al. *Saisin Igaku* 27:932-40, May 72 (49 ref.) (Jap)

### EVOLUTION (G1)

Genetic structure and evolution of the incompatibility factors in higher fungi. Koltin Y, et al. *Bacteriol Rev* 36:156-71, Jun 72 (92 ref.)

A survey of DNA content per cell and per chromosome of prokaryotic and eukaryotic organisms: some evolutionary considerations. Sparrow AH, et al. *Brookhaven Symp Biol* 23:451-94, 1972 (173 ref.)

### EXERTION (G1)

Response to progressive exercise: a three-index test. Cotes JE. *Br J Dis Chest* 66:169-84, Jul 72 (46 ref.) [Adaptation to effort in conditions of hypoxia] Zamfirescu NR.

*Fisiol Norm Patol* 17:481-96, Nov-Dec 71 (114 ref.) (Rus)

### EXTRACTION, OBSTETRICAL (E4)

[Review on aspiration delivery in Japan] Yamada C. *Sanfujinka Jissai* 21:396-407, May 72 (81 ref.) (Jap)

### EXTRAPYRAMIDAL TRACTS (A8)

Dopamine, extrapyramidal system, and psychomotor function. Papesch R. *Psychiatr Neurol Neurochir* 75:13-48, Jan-Feb 72 (245 ref.)

### EYE (A1, A9)

[The eye and vitamin C] Suzuki Y. *Ophthalmology (Tokyo)* 14:347-57, May 72 (73 ref.) (Jap)

### EYE DISEASES (C11)

Medrysone: a review. *Drugs* 2:5-19, 1971 (18 ref.)

### FACTOR VIII (D7)

[Factor VIII (anti-hemophilic A factor). Biology, physiology, pathology and genetics] Meyer D, et al. *Pathol Biol (Paris)* 20:807-23, Jun-Jul 72 (272 ref.) (Eng. Abstr.) (Fre)

### FAMILY (F1, I)

The family of the addict: a review of the literature. Seldin NE. *Int J Addict* 7:97-107, 1972 (35 ref.)

### FARMER'S LUNG (C5, C14)

Extrinsic allergic alveolitis. Stretton TB. *Practitioner* 206:742-9, Jun 72 (26 ref.)

### FATTY ACIDS (D11)

Exogenous fatty acids and triglyceride production in rat liver. *Nutr Rev* 30:116-7, May 72 (4 ref.)

### FEAR (F1)

Nightmare behavior: a review. Hersen M. *Psychol Bull* 78:37-48, Jul 72 (49 ref.)

### FECES (A12)

[On Australia antigen, heterogeneity of the antibody and fecal antigen] Tomioka S. *Jap J Clin Med* 30:1117-22, May 72 (29 ref.) (Jap)

### FEMUR HEAD (A2)

Avascular necrosis of the femoral head in the adult. A review of its incidence in a variety of conditions. Herndon JH, et al. *Clin Orthop* 86:43-62, Jul-Aug 72 (114 ref.)

### FERMENTATION (G1)

Fermentation industry—pharmaceuticals, corn, sugar. Guady AF Jr. *J Water Pollut Control Fed* 44:1044-6, Jun 72 (17 ref.)

[Release of metabolic products by mutants with abnormal regulatory genes and its application in fermentation] Nakayama K. *Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:299-301, 1972 (52 ref.) (Jap)

### FETAL DISEASES (C6)

Present status and future trends in prenatal diagnosis of chromosomal disorders. Warburton D, et al. *Clin Obstet Gynecol* 15:272-82, Mar 72 (24 ref.)

### FETAL GLOBULINS (D10)

[Future problems in the research of -fetoprotein] Endo Y. *Jap J Clin Med* 30:1209-14, May 72 (30 ref.) (Jap) [Chemical and immunological specificity of -fetoprotein] Nishi S, et al. *Jap J Clin Med* 30:1169-73, May 72 (28 ref.) (Jap)

### FETAL HEART (A7, A10)

[Cardiotocography] Michalkiewicz W, et al. *Ped Tyg Lek* 27:346-9, 29 May 72 (Pel)

### FETAL HEMOGLOBIN (D10)

Fetal hemoglobin. Cooper HA, et al. *Mayo Clin Proc* 47:402-14, Jun 72 (151 ref.)

### FETUS (A10)

Maternal nutrition and prenatal growth. Experimental studies of effects of maternal undernutrition on fetal and placental growth. Brasel JA, et al. *Arch Dis Child* 47:479-85, Aug 72 (28 ref.)

### FEVER (C17)

[Management of malignant hyperthermia] Britt BA. *Anaesthetist* 21:201-5, May 72 (71 ref.) (Eng. Abstr.) (Ger)

### FIBRINOGEN (D7)

[Dysfibrinogenemia] Philippe N. *Pediatr* 27:93-100, Jan-Feb 72 (25 ref.) (Fre)

### FISHES (B2)

The effect of foreign compounds on elasmobranchs and the effect of elasmobranchs on foreign compounds. Adamson RH, et al. *Comp Biochem Physiol* [A] 42:171-82, 1 May 72 (35 ref.)

## MEDICAL REVIEWS

### FLICKER FUSION (E1, F1)

[Visual tract diseases and the visual field—with special reference to the significance of the flicker test in the diagnosis and therapy of optic nerve diseases] Oshima T, et al. *Ophthalmology (Tokyo)* 14:208-25, Mar 72 (107 ref.) (Jap)

### FLUORIDES (D1)

Treatment of Paget's disease with fluoride. Riggs BL, et al. *Semin Drug Treat* 2:65-8, Summer 72 (12 ref.)

### FOCAL INFECTION, DENTAL (C1, C4)

Spread of dental infections. Birn H. *Dent Pract Dent Rec* 22:347-56, May 72 (35 ref.)

### FOLIC ACID (D7, D11)

The absorption of folic acid in man: recent progress. Gerson CD, et al. *Mt Sinai J Med NY* 39:343-51, Jul-Aug 72 (37 ref.)

Intestinal absorption of folates.

*Nutr Rev* 30:179-81, Aug 72 (10 ref.)

### FOLIC ACID DEFICIENCY (C13)

The five possible causes of all nutrient deficiency: illustrated by deficiencies of vitamin B 12 and folic acid. Herbert V. *Aust NZ J Med* 2:89-97, Feb 72 (50 ref.)

### FOOD ADDITIVES (D13)

The use of antibiotics as feed additives for farm animals. Lucas IA. *Proc Nutr Soc* 31:1-8, May 72 (74 ref.)

### FOOD CONTAMINATION (G3)

Pesticides and toxic chemicals. Egan H. *Proc Nutr Soc* 31:23-32, May 72 (41 ref.)

[Metabolism of selected plant-protective pesticides]

Engst R.

*Nahrung* 15:815-25, 1971 (32 ref.) (Eng. Abstr.) (Ger)

[Prevention of contamination of food products by carcinogenic substances] Il'nitakif AP, et al. *Vopr Onkol* 18:106-10, 1972 (83 ref.) (Rus)

### FOOD HYPERSENSITIVITY (C14)

Studies on milk intolerance. A review of literature for Latin America. Luyken R. *Maandschr Kindergeneeskhd* 40:89-105, May 72 (83 ref.)

### FOOD POISONING (C4, C14)

[Aflatoxins in food] Janicki J, et al. *Nahrung* 16:85-98, 1972 (74 ref.) (Eng. Abstr.) (Ger)

### FRACTURES (C14)

[Basic principles of fracture management in childhood]

Popp W.

*Z Aerztl Fortbild (Jena)* 66:128-38, 1 Feb 72 (55 ref.) (Ger)

### FUNGICIDES, INDUSTRIAL (D3)

[Metabolism of selected plant-protective pesticides]

Engst R.

*Nahrung* 15:815-25, 1971 (32 ref.) (Eng. Abstr.) (Ger)

### GAMMA GLOBULIN (D10, D12)

Plasma cell myelomatosis and other monoclonal gammopathies. Azar HA. *Pathol Annu* 7:1-17, 1972 (54 ref.)

### GASTRIN (D8)

Gastrointestinal hormones and insulin secretion. *Scand J Gastroenterol* 7:289-92, 1972 (38 ref.)

[Physiological role and action mechanism of gastrin]

Miyoshi A.

*Saisin Igaku* 27:904-10, May 72 (47 ref.) (Jap)

### GASTRITIS (C4)

[Chronic non-specific gastritis] Levy N. *Harefah* 9:230-2, 2 Apr 72 (47 ref.) (Heb)

### GASTROENTERITIS, TRANSMISIBLE OF SWINE (C1, C15)

On the pathogenesis of transmissible gastroenteritis of swine. Haelterman EO. *J Am Vet Med Assoc* 160:534-40, 15 Feb 72 (35 ref.)

### GASTROINTESTINAL SYSTEM (A3)

Control of iron absorption by the gastrointestinal mucosal cell. *Nutr Rev* 30:168-70, Jul 72 (20 ref.)

The effect of adrenalectomy on the gastrointestinal tract. A review of the literature. Schapiro H, et al.

*Rev Surg* 29:229-39, Jul-Aug 72 (156 ref.)

Abnormalities of the gastrointestinal transport of iron. Walker RJ, et al.

*Semin Nucl Med* 2:235-50, Jul 72 (117 ref.)

### GENES (G1)

Genetic structure and evolution of the incompatibility factors in higher fungi. Koltin Y, et al. *Bacteriol Rev* 36:156-71, Jun 72 (92 ref.)

[Modern concept of the gene] Bockowski K. *Ginekol Pol* 43:625-7, May 72 (8 ref.) (Pol)

### GENES, REGULATOR (G1)

[Isolation of mutant strains having abnormal repressors of the lactose catabolizing operon] Horuchi T, et al.

*Protein Nucleic Acid Enzyme (Tokyo)*

17:Suppl:154-60, 1972 (43 ref.) (Jap)

[Isolation of mutants with abnormal lambda-repressors, operators and promoters] Horuchi T.

*Protein Nucleic Acid Enzyme (Tokyo)*

17:Suppl:274-86, 1972 (97 ref.) (Jap)

[Release of metabolic products by mutants with abnormal regulatory genes and its application in fermentation] Nakayama K.

*Protein Nucleic Acid Enzyme (Tokyo)*

17:Suppl:299-301, 1972 (53 ref.) (Jap)

[Isolation of regulatory mutants] Sato K.

*Protein Nucleic Acid Enzyme (Tokyo)*

17:Suppl:266-73, 1972 (51 ref.) (Jap)

### GENETIC CODE (G1)

[Transcription of genetic information. I. Mechanism of genetic transcription—the molecular process of RNA SYNTHESIS] Ishihama A.

*Jap J Clin Med* 29:1964-72, Aug 71 (27 ref.) (Jap)

### GENETICS (G1)

Genetic experiments with animal learning: a critical review. Wahlshten D. *Behav Biol* 7:145-82, Apr 72 (197 ref.)

### GENETICS, HUMAN (G1)

[The racial question and contemporary genetics] Dubinin NP.

*Usp Sovrem Biol* 73:209-30, Mar-Apr 72 (100 ref.) (Rus)

### GENETICS, MICROBIAL (G1)

Genetic structure and evolution of the incompatibility factors in higher fungi. Koltin Y, et al. *Bacteriol Rev* 36:156-71, Jun 72 (92 ref.)

[Isolation of mutants with abnormal lambda-repressors, operators and promoters] Horuchi T.

*Protein Nucleic Acid Enzyme (Tokyo)*

17:Suppl:274-86, 1972 (97 ref.) (Jap)

### GENETICS, POPULATION (G1)

[The racial question and contemporary genetics] Dubinin NP.

*Usp Sovrem Biol* 73:209-30, Mar-Apr 72 (100 ref.) (Rus)

### GERM-FREE LIFE (G1)

Senescence in germfree rats. Pollard M. *Gerontologia* 17:333-8, 1971 (32 ref.)

### GLAUCOMA (C11)

Systemic therapeutic agents and glaucoma. Willettes GS, et al. *Practitioner* 209:27-34, Jul 72 (27 ref.)

### GLUCAGON (D8)

The control of glucagon secretion.

*Nutr Rev* 30:188-92, Aug 72 (7 ref.)

[Clinical application of glucagon] Oneda A.

*Jap J Clin Med* 29:1747-53, Jul 71 (25 ref.) (Jap)

[Physiologic role of glucagon—with special reference to its action on the liver] Nonaka K, et al.

*Saisin Igaku* 27:901-903, May 72 (102 ref.) (Jap)

### GLUCOCORTICOIDS (D8)

Medrysone: a review. *Drugs* 2:5-19, 1971 (18 ref.)

### HEART DEFECTS, CONGENITAL

### GLUCOSEPHOSPHATE DEHY-

### DROGENASE DEFICIENCY (C9, C13)

Glucose-6-phosphate dehydrogenase deficiency—a genetic disorder of red cell metabolism. Ektare AM, et al. *J Postgrad Med* 18:51-67, Apr 72 (58 ref.)

### GLUTAMATES (D10)

Intestinal absorption of folates.

*Nutr Rev* 30:179-81, Aug 72 (10 ref.)

### GLUTATHIONE REDUCTASE (D9)

Erythrocyte glutathione reductase—a measure of riboflavin nutritional status.

*Nutr Rev* 30:182-4, Jul 72 (11 ref.)

### GLYCINE (D10)

[Propionic acidemia. New concept of hyperglycinemia with ketosis] Guibaud P. *Pediatrics* 27:217-20, Mar 72 (10 ref.) (Fre)

### GLYCOGEN (D11)

The histochemical evaluation of the glycogen storage diseases. A review of techniques and their limitations. Lake BD. *Histochem J* 2:441-50, Sep 70 (37 ref.)

### GLYCOGENESIS (C13)

The histochemical evaluation of the glycogen storage diseases. A review of techniques and their limitations. Lake BD. *Histochem J* 2:441-50, Sep 70 (37 ref.)

### GLYCOSIDE HYDROLASES (D9)

Dietary sugars and intestinal enzymes. Koawnaqwf NS. *J Am Diet Assoc* 60:463-6, Jun 72 (24 ref.)

### GONADOTROPINS, CHORIONIC (D8)

[Therapy of cryptorchism with special reference to hormone therapy using gonadotropin] Waschulewski H. *Zentralbl Chir* 97:521-8, 29 Apr 72 (21 ref.) (Ger)

### GRAAFIAN FOLLICLE (A5)

[Ultrastructure of the human ovocyte of the Graafian follicle] Pavelka R, et al. *Wien Klin Wochenschr* 84:305-12, 12 May 72 (16 ref.) (Eng. Abstr.) (Ger)

### GROUP STRUCTURE (F1)

Survival, mating and rearing strategies in the evolution of primate social structure. Goss-Custard JD, et al. *Folia Primatol (Basel)* 17:1-19, 1972 (42 ref.)

### HALOTHANE (D6)

Halothane and the liver: a review of the epidemiologic, immunologic and metabolic aspects of the relationship. Dykes MH, et al. *Can J Surg* 15:217-38, Jul 72 (89 ref.)

### HAMSTERS (B2)

Infection and immunity in hamsters. Frenkel JK. *Prog Exp Tumor Res* 16:326-67, 1972 (158 ref.)

Cardiomyopathy Syrian hamster: a possible model of human disease. Gertz EW.

*Prog Exp Tumor Res* 16:242-60, 1972 (35 ref.)

Hormone-related tumors in Syrian hamsters. Kirkman H. *Prog Exp Tumor Res* 16:201-40, 1972 (127 ref.)

Respiratory carcinogenesis studies with the Syrian golden hamster: a review. Netterheim P.

*Prog Exp Tumor Res* 16:185-200, 1972 (42 ref.)

Experimental oral pathology in the Syrian hamster. Shklar G. *Prog Exp Tumor Res* 16:518-38, 1972 (59 ref.)

The parvoviruses. Tocino HW.

*Prog Exp Tumor Res* 16:410-25, 1972 (103 ref.)

### HEART (A7)

The use of nerve blocks for studying cardiopulmonary physiology in man. Eisele JH.

*Br J Anaesth* 44:806-10, Jun 72 (23 ref.)

Central nervous control of cardiac activity. II. Manchanda SK.

*Indian J Physiol Pharmacol* 14:211-30, Oct 70 (134 ref.)

### HEART DEFECTS, CONGENITAL

### (C16)

Surgical approaches in congenital heart disease. Pierce WS, et al.

*Pediatr Clin North Am* 19:333-53, May 72 (15 ref.)

## HEART ENLARGEMENT

## MEDICAL REVIEWS

### HEART ENLARGEMENT (C8)

[Development of current concepts on the mechanism of heart hypertrophy] Meerson FZ. *Kardiologiya* 18:5-12, 4 Apr 72 (50 ref.) (Eng. Abstr.) (Rus)

### HEART FAILURE, CONGESTIVE (C8)

[Pathogenesis and therapy of Cardiac edema] Kaindi F, et al. *Wien Z Inn Med* 53:121-8 *passim*, 1972 (103 ref.) (Ger)

### HEART RATE (G1)

The significance of heart rate for behavior: a critique of Lacey's hypothesis. Elliott R. *J Pers Soc Psychol* 22:398-409, Jun 72 (46 ref.) (Cardiotocography) Michalkiewicz W, et al. *Ped Trop Lek* 27:848-9, 29 May 72 (Pol)

### HEART VALVE DISEASES (C8)

[Effect of load by resistance and volume on the systolic contraction times of the right and left heart ventricles] Lang E. *Arch Kreislaufforsch* 66:1-52, Sep-Dec 71 (197 ref.) (Eng. Abstr.) (Ger)

### HEART VENTRICLE (A7)

[Effect of load by resistance and volume on the systolic contraction times of the right and left heart ventricles] Lang E. *Arch Kreislaufforsch* 66:1-52, Sep-Dec 71 (197 ref.) (Eng. Abstr.) (Ger)

### HEMOPHILIA (C9)

[Factor VIII (anti-hemophilic A factor). Biology, physiology, pathology and genetics] Meyer D, et al. *Father Biol (Paris)* 20:607-23, Jun-Jul 72 (372 ref.) (Eng. Abstr.) (Fre)

### HEPARIN (D7, D11)

[Problems of heparin determination and its occurrence in blood] Gross L, et al. *Z Gesamte Inn Med* 26:795-9, 15 Dec 71 (86 ref.) (Eng. Abstr.) (Ger)

### HEPATIC COMA (C4, C10)

[Hepatic assistance in the treatment of acute hepatic insufficiency] Kuster GG, et al. *Union Med Can* 101:1333-5, Jul 72 (50 ref.) (Eng. Abstr.) (Fre)

### HEPATITIS, HOMOLOGOUS SERUM (C1, C4)

[Hepatitis, Australia antigen and Australia antibody—analysis of Australia antigen, levels of Australia antibody and localization of Australia antigen in the hepatic tissue in acute hepatitis] Ichida F, et al. *Jap J Clin Med* 30:1147-53, May 72 (33 ref.) (Jap)

### HEPATITIS, INFECTIOUS (C1, C4)

[Prevention of viral hepatitis—with special reference to the possibility of development of a vaccine in relation to Australia antigen] Kaji M. *Jap J Clin Med* 30:1159-63, May 72 (9 ref.) (Jap)

### HEPATITIS, TOXIC (C4, C14)

Halothane and the liver: a review of the epidemiologic, immunologic and metabolic aspects of the relationship. Dykes MH, et al. *Can J Surg* 15:217-38, Jul 72 (89 ref.) (Study of the morphological and metabolic effects of alcohol on liver) Lieber CS, et al. *Rev Med Chir Mai Poile* 46:233-54, 1971 (123 ref.) (Eng. Abstr.) (Fre)

### HEPATITIS VIRUS, HOMOLOGOUS SERUM (B4)

[Detection of Australia antigen and anti-Australia antibody—explanation of the technic and associated problems] Fujita K. *Jap J Clin Med* 30:1123-30, May 72 (26 ref.) (Jap) [Hepatitis, Australia antigen and Australia antibody—analysis of Australia antigen, levels of Australia antibody and localization of Australia antigen in the hepatic tissue in acute hepatitis] Ichida F, et al. *Jap J Clin Med* 30:1147-53, May 72 (33 ref.) (Jap) [Australia antigen and hepatitis viruses] Ishida N. *Jap J Clin Med* 30:1108-16, May 72 (9 ref.) (Jap) [Prevention of viral hepatitis—with special reference

to the possibility of development of a vaccine in relation to Australia antigen] Kaji M. *Jap J Clin Med* 30:1159-63, May 72 (9 ref.) (Jap)

[Blood banks and the problem of Australia antigen] Murakami S.

*Jap J Clin Med* 30:1164-6, May 72 (29 ref.) (Jap)

[Immunohistologic and electron microscopic studies of Australia antigen in the tissue] Sakamoto S, et al. *Jap J Clin Med* 30:1131-6, May 72 (26 ref.) (Jap)

[Australia antigen in diseases not involving the liver] Suzuki S.

*Jap J Clin Med* 30:1215-9, May 72 (26 ref.) (Jap)

[On Australia antigen, heterogenicity of the antibody and fecal antigen] Tomioho S.

*Jap J Clin Med* 30:1117-22, May 72 (29 ref.) (Jap)

[Immunological study of Australia antigen in the tissue] Tsuji T.

*Jap J Clin Med* 30:1139-46, May 72 (19 ref.) (Jap)

### HIPPOCAMPUS (A8)

Hippocampal destruction in man and other animals. Isaacson RL.

*Neuropsychologia* 10:47-64, Apr 72 (82 ref.)

### HISTIOCYTES (A11)

The sea-blue histiocyte syndrome, a review: genetic and biochemical studies. Sawitsky A, et al. *Semin Hematol* 9:285-97, Jul 72 (65 ref.)

### HISTOCOMPATIBILITY (G1)

Immunologic enhancement of normal tissue grafts. Feldman JD. *Father Ann* 7:19-44, 1972 (172 ref.)

### HODGKIN'S DISEASE (C2)

[Combined chemotherapy in disseminated Hodgkin's disease] Armata J. *Ped Trop Lek* 27:927-9, 12 Jul 72 (16 ref.) (Pol)

### HORMONES (D8)

Biochemistry of depression (a review of the literature). Allion GA.

*Behav Neuropsychiatry* 3:2-5 *passim*, Dec 71 (47 ref.)

Hormonal control of pancreatic endocrine and exocrine secretion. Youngs G. *Gut* 13:154-61, Feb 72 (81 ref.)

Hormone-related tumors in Syrian hamsters. Kirkman H. *Prog Exp Tumor Res* 16:301-40, 1972 (127 ref.)

Studies on the mechanism of hormone action. Sutherland EW. *Science* 177:401-8, 4 Aug 72 (75 ref.)

[Hormone receptors of the liver and fat cells] Kono T. *Saishin Igaku* 27:961-6, May 72 (59 ref.) (Jap)

[Hormone therapy of renal cancer] Barzel' VA, et al. *Vopr Onkol* 18:97-102, 1972 (47 ref.) (Rus)

### HYALINE MEMBRANE DISEASE (C5, C16)

The estimation of perinatal pulmonary maturity: a commentary. Kotani RV.

*J Pediatr* 81:378-83, Aug 72 (42 ref.)

### HYDROCARBONS (D2)

Pesticides and toxic chemicals. Egan H. *Proc Nutr Soc* 31:23-32, May 72 (41 ref.)

### HYDROCARBONS, HALOGENATED (D2)

The debate on DDT. Deichmann WB. *Arch Toxikol* 29:1-27, 1972 (27 ref.)

### HYDROCEPHALUS (C10, C16)

[Malformations of the central nervous system—hydrocephalus, encephalocele, microcephalus, etc] Hanada J, et al. *Jap J Clin Med* 30:139-43, Jan 72 (26 ref.) (Jap)

### HYPERGLYCEMIA (C13)

Endocrine-metabolic anomalies in rodents with hyperglycemic syndromes of hereditary and/or environmental origin. Renold AE, et al. *Int J Med Sci* 8:189-206, Mar 72 (51 ref.)

### HYPERKALEMIA (C13)

Hyperkalemia in anesthesia. Robbins HS, et al. *Pa Med* 75:77-80, Feb 72 (19 ref.)

### HYPERLIPEMIA (C13)

The hyperlipidemias and coronary artery disease. Stone NJ, et al. *DM* 1-35, Aug 72 (62 ref.)

### HYPERPARATHYROIDISM (C7)

Medical treatment in primary and secondary hyperparathyroidism. Coburn JW, et al. *Semin Drug Treat* 2:117-35, Summer 72 (62 ref.)

### HYPERPAPATHYROIDISM, SECONDARY (C7)

Medical treatment in primary and secondary hyperparathyroidism. Coburn JW, et al. *Semin Drug Treat* 2:117-35, Summer 72 (62 ref.)

### HYPERSENSITIVITY (C14)

The immunological basis of allergy. Lessof MH. *Practitioner* 208:795-41, Jun 72 (19 ref.)

### HYPERSENSITIVITY, IMMEDIATE (C14)

Current concepts of immediate (reaginic) hypersensitivity. Evans R. *Med Ann DC* 41:427-36, Jul 72 (30 ref.)

[Role of magnesium in the human body with particular reference to early allergic reactions] Chyrek-Borowska S, et al. *Ped Trop Lek* 27:883-5, 3 Jul 72 (36 ref.) (Pol)

### HYPERTENSION (C8)

[Beta adrenergic drugs in arterial hypertension] Gysling E. *Union Med Can* 101:1336-41, Jul 72 (47 ref.) (Eng. Abstr.) (Fre)

[Drug therapy of arterial hypertension] Vorburger C. *Ther Umsch* 29:360-81, Jun 72 (51 ref.) (Ger)

### HYPERTENSION, RENAL (C6, C8)

The inter-relationships between renal prostaglandins and blood pressure regulation. Lee JB. *Am J Med Sci* 263:335-46, May 72 (52 ref.)

[Pathogenic mechanisms in renal hypertension] Pietrek J. *Ped Trop Lek* 27:968-71, 19 Jul 72 (30 ref.) (Pol)

### HYPOGONADISM (C6, C7)

[Neurogerminal degenerations. Current state of the question] Vague J, et al. *Rev Fr Endocrinol Clin* 12:389-96, Sep-Oct 71 (6 ref.) (Eng. Abstr.) (Fre)

### HYPOTHALAMUS (A8)

[Hypothalamic luteotropic hormone releasing factor (LH-RH). Garnier PE, et al. *Nouv Presse Med* 1:1639-42, 10 Jun 72 (40 ref.)

### HYPOTHERMIA, INDUCED (E3)

[Radiosensitivity under hypothermic conditions] Bernshtain VA. *Med Radiol (Mosk)* 16:80-90, Oct 71 (73 ref.) (Rus)

### HYPOTHYROIDISM (C7)

[The etiology and treatment of myxedema coma] Gilboa I. *Harefuah* 82:418-20, 1 May 72 (16 ref.) (Heb)

### ILEUM (A3)

Depletion of malabsorption of vitamin B12 due to gastric or intestinal dysfunction. Herbert V. *Semin Nucl Med* 2:220-34, Jul 72 (41 ref.)

### IMMUNITY (G1)

Relations between immunity and malignancy. Good RA. *Proc Natl Acad Sci USA* 69:1026-32, Apr 72 (95 ref.)

Infection and immunity in hamsters. Frenkel JK. *Prog Exp Tumor Res* 16:328-67, 1972 (158 ref.)

### IMMUNITY, PASSIVE (G1)

The transfer of antibodies by neonates and adults. Simpson-Morgan MW, et al. *Adv Vet Sci Comp Med* 16:355-86, 1972 (128 ref.)

### IMMUNIZATION (E2)

[Immunologic problems of enterobacteriaceae immunization] Koch H, et al. *Z Gesamte Inn Med* 27:237-41, 15 Mar 72 (62 ref.) (Eng. Abstr.) (Ger)

### IMMUNOGLOBULINS (D10, D12)

Binding properties of shark immunoglobulins. Sigel MM, et al.

# MEDICAL REVIEWS

## LEUKEMIA

- Comp Biochem Physiol [A]* 42:349-59, 1 May 72 (16 ref.)  
 Structure and function of human immunoglobulins. Maddison SE. *Health Lab Sci* 9:167-77, Jul 72 (49 ref.)  
 Secretory immunoglobulins. Thomas TB Jr. *N Engl J Med* 287:500-6, 7 Sep 72 (12 ref.)

### IMMUNOLOGIC DEFICIENCY SYNDROMES (C9, C14)

- Relations between immunity and malignancy. Good RA. *Proc Natl Acad Sci USA* 69:1026-32, Apr 72 (95 ref.)  
 Immunologic abnormalities: roentgen observations. Kirkpatrick JA, et al. *Radiol Clin North Am* 10:245-59, Aug 72 (17 ref.)

### IMMUNOLOGIC DISEASES (C14)

- [Immunopathology of the pancreas] Acosta JM, et al. *Prensa Med Argent* 59:491-6, 28 Apr 72 (52 ref.) (Eng. Abstr.) (Spa)

### IMMUNOLOGY (G2)

- [Immunology today] Günther O. *Allerg Immunol (Leips)* 17:167-82, 1971 (81 ref.) (Eng. Abstr.) (Ger)

### IMMUNOSUPPRESSIVE AGENTS (D4)

- Immunosuppression by L-asparaginase and related enzymes. Herath EM. *Transplantation* 12:368-76, Nov 71 (96 ref.)

### INDUSTRIAL WASTE (G3)

- Lagoons and oxidation ponds. Boyle WC. *J Water Pollut Control Fed* 44:934-44, Jun 72 (82 ref.)  
 Wastewater treatment. Physical and chemical methods. Cohen JM, et al. *J Water Pollut Control Fed* 44:915-23, Jun 72 (90 ref.)  
 Aerobic processes. Ghosh S. *J Water Pollut Control Fed* 44:948-59, Jun 72 (82 ref.)  
 Fermentation industry—pharmaceuticals, corn, sugar. Guady AF Jr. *J Water Pollut Control Fed* 44:1044-6, Jun 72 (17 ref.)  
 Water reclamation and reuse. Keinath TM. *J Water Pollut Control Fed* 44:961-7, Jun 72 (49 ref.)  
 Disinfection. Kianian RN, et al. *J Water Pollut Control Fed* 44:973-7, Jun 72 (35 ref.)  
 [Water hygiene and sanitary control of reservoirs in relation to urbanization] Bukhtolarov AP. *Gig Sanit* 37:88-8, Feb 72 (16 ref.) (Rus)

### INFANT, NEWBORN, DISEASES (C16)

- Respiratory care of newborn infants. Gregory GA. *Pediatr Clin North Am* 19:311-24, May 72 (34 ref.)

### INFANT NUTRITION DISORDERS (C13)

- [Intravenous feeding in infants] Berant M. *Harefuah* 51:333-5, 2 Apr 72 (23 ref.) (Heb)

### INFECTION (C1)

- Infection and immunity in hamsters. Frenkel JK. *Prog Exp Tumor Res* 16:336-67, 1972 (158 ref.)  
 [Tolerance to synthetic material in plastic surgery] Lejour M, et al. *Acta Chir Belg* 70:245-83, Mar 71 (182 ref.) (Eng. Abstr.) (Fre)

### INFLAMMATION (C17)

- Participation of components of the blood coagulation system in the inflammatory response. McKay DG. *Am J Pathol* 67:181-210, Apr 72 (64 ref.)  
 [Current aspects of the knowledge on inflammation] Strukov AI. *Arkh Patol* 34:9-18, 1972 (45 ref.) (Eng. Abstr.) (Rus)

### INSECT CONTROL (G3)

- Gypsy moth control with the sex attractant pheromone. Berota M, et al. *Science* 177:19-27, 7 Jul 72 (38 ref.)

### INSECTICIDES (D3)

- [Metabolism of selected plant-protective pesticides] Engst R. *Nahrung* 15:815-25, 1971 (32 ref.) (Eng. Abstr.) (Ger)

### INSULIN (D8)

- Diazoxide and the secretion of insulin. *Nutr Rev* 30:194-8, Aug 72 (10 ref.)  
 The control of glucagon secretion. *Nutr Rev* 30:188-92, Aug 72 (7 ref.)  
 Gastrointestinal hormones and insulin secretion. Seand J Gastroenterol 7:389-92, 1972 (38 ref.)

- [Secretion of insulin, with special reference to the secretory mechanism] Tsuaka Y, et al. *Jap J Clin Med* 29:1698-711, Jul 71 (140 ref.) (Jap)  
 [Action of insulin on cell membrane] Kuzuya T. *Saishin Igaku* 27:583-90, May 72 (27 ref.) (Jap)

### INTELLIGENCE (F1)

- Mainnutrition, learning, and intelligence. Birch HG. *Am J Public Health* 62:773-84, Jun 72 (97 ref.)

### INTERPERSONAL RELATIONS (F1)

- [Attempted experimental and objective approach to the relationship behavior between 2 persons. (General review)] Maurice E, et al. *Encephal* 80:463-93, Nov-Dec 71 (88 ref.) (Fre)

### INTESTINAL ABSORPTION (G1)

- Abnormalities of the gastrointestinal transport of iron. Walker RJ, et al. *Semin Nucl Med* 2:235-50, Jul 72 (117 ref.)

### INTESTINAL DISEASES (C4)

- Nutrition and enteric diseases in calves. Roy JH, et al. *Proc Nutr Soc* 31:53-60, May 72 (53 ref.)

- [Results of chemotherapy of intestinal infections] Yamamoto T. *Jap Assoc Infect Dis* 46:41-6, Feb 72 (40 ref.) (Jap)

### INTESTINAL MUCOSA (A3, A10)

- Dietary sugars and intestinal enzymes. Roawnaqif NS. *J Am Diet Assoc* 60:483-6, Jun 72 (34 ref.)

### INTESTINAL OBSTRUCTION (C4)

- [Physiopathology of the mechanical intestinal obstruction] Kern E. *Wien Klin Wochenschr* 84:437-42, 7 Jul 72 (31 ref.) (Eng. Abstr.) (Ger)

### INTESTINES (A3)

- [Value of intestinal microflora for balanced human nutrition] Haenel H. *Vopr Pitani* 31:7-12, Jan-Feb 72 (19 ref.) (Rus)

### INTRAUTERINE DEVICES (E2)

- Intrauterine contraception. Tatum HJ. *Am J Obstet Gynecol* 112:1000-23, 1 Apr 72 (77 ref.)

- [Action mechanism of IUD. 1] Suzuki M, et al. *Sanfujiaka Jissai* 21:406-14, May 72 (88 ref.) (Jap)

### IPRONIAZID (D2, D3, D6)

- The effect of neuropharmacological agents on metabolism in vitamin B<sub>6</sub> in brain. McCoy EE, et al. *Adv Biochem Psychopharmacol* 4:93-104, 1972 (26 ref.)

### IRON (D1, D7)

- Prevention and treatment of iron deficiency in children. Macdougall LG. *Med Times* 100:135 passim, Apr 72 (17 ref.)

- Control of iron absorption by the gastrointestinal mucosal cell. *Nutr Rev* 30:168-70, Jul 72 (30 ref.)

- Abnormalities of the gastrointestinal transport of iron. Walker RJ, et al. *Semin Nucl Med* 2:235-50, Jul 72 (117 ref.)

### JUXTAGLOMERULAR APPARATUS (A5)

- [Intra-renal autoregulatory function of the juxtaglomerular apparatus] Ushkalov AF. *Kardiolegia* 12:141-51, May 72 (122 ref.) (Rus)

### KETONE BODIES (D2)

- Hepatic ketogenesis and lipolysis. Claycomb WC. *Aia J Med Sci* 9:180-96, Apr 72 (137 ref.)

### KIDNEY (A5)

- The inter-relationships between renal prostaglandins and blood pressure regulation. Lee JR. *Am J Med Sci* 263:335-46, May 72 (52 ref.)

- Regulation of sodium excretion: intra- and extrarenal mechanisms. Mills IH. *J R Coll Physicians Lond* 4:235-56, Jul 70 (86 ref.)

- The pathologist and the kidney transplant. Corson JM. *Pathol Anna* 7:251-92, 1972 (101 ref.)

- [Nephrotoxicity of diuretics] Fournier A, et al. *Eur J Toxicol* 4:285-99, Jul-Aug 71 (80 ref.) (Eng. Abstr.) (Fre)

- [Extracorporeal preservation of the kidney] Kreis H, et al.

- J Urol Nephrol (Paris)* 77:877-907, Dec 71 (152 ref.) (Fre)

- [Physiology of the kidney in extracorporeal survival] Nitot A. *J Urol Nephrol (Paris)* 77:909-27, Dec 71 (59 ref.) (Fre)

### KIDNEY CALCULI (C6)

- [Some causes of nephrolithiasis in children] Balcar-Borof A.

- Wlad Lek 25:1063-8, 15 Jul 72 (30 ref.) (Eng. Abstr.) (Pol)

### KIDNEY DISEASES (C6)

- [Autoimmune mechanisms in the development of nephropathy (literature review)] Ignatova MS, et al. *Vopr Okhr Mater Det* 16:49-53, Aug 71 (54 ref.) (Rus)

- [The so-called pregnancy nephropathies] Usandizaga M.

- Acta Obstet Gynecol Hisp Lat* 20:135-51, Apr 72 (Spa)

### KIDNEY NEOPLASMS (C2)

- [Hormone therapy of renal cancer] Barzel' VA, et al. *Vopr Onkol* 18:97-102, 1972 (47 ref.) (Rus)

### KNEE JOINT (A2)

- [Popliteal cysts and popliteo-genic lower leg cysts (Baker's cysts)] Reinhardt K. *Radiologe* 12:77-86, Mar 72 (8 ref.) (Ger)

### L FORMS (B3)

- [L-forms of Mycobacterium tuberculosis (review of the literature)] Sukhodolskaya AE. *Vrach Delo* 3:83-6, Mar 72 (8 ref.) (Rus)

### LABYRINTH DISEASES (C11)

- [Clinico-morphological parallels in different forms of vestibular disorders of peripheral origin] Olsiv VB. *Vesta Otorinolaringol* 33:118-21, Sep-Oct 71 (89 ref.) (Rus)

### LACTATES (D2)

- [Lactate acidosis] Perevozchikova EP. *Pediatrillia* 51:89-72, Jul 72 (53 ref.) (Rus)

### LACTOSE (D11)

- [Isolation of mutant strains having abnormal repressors of the lactose catabolizing operon] Horluchi T, et al. *Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:154-60, 1972 (43 ref.) (Jap)

### LACTOSE INTOLERANCE (C4, C13)

- Studies on milk intolerance. A review of literature for Latin America. Luyken R. *Maandschr Kindergeeskeskd* 40:89-105, May 72 (83 ref.)

### LASERS (H)

- [Study of the living cell by ultraviolet and laser local irradiation] Sakharov VN. *Usp Sovrem Biol* 73:231-49, Mar-Apr 72 (85 ref.) (Rus)

### LEARNING (F1)

- Malnutrition, learning, and intelligence. Birch HG. *Am J Public Health* 62:773-84, Jun 72 (97 ref.)

- Model neural systems and strategies for the neurobiology of learning. Abraham FD, et al. *Behav Biol* 7:1-24, Feb 72 (77 ref.)

- Genetic experiments with animal learning: a critical review. Wahleben D. *Behav Biol* 7:143-82, Apr 72 (197 ref.)

### LEG (A1, A2)

- New developments in lower-limb orthotics through bioengineering. Lehneis HR. *Arch Phys Med Rehabil* 53:303-10 passim, Jul 72 (16 ref.)

### LENS, CRYSTALLINE (A9)

- Effects of drugs on the lens. Paterson CA. *Int Ophthalmol Clin* 11:83-97, 1971 (149 ref.)

- [Review of literature on the crystalline lens published in 1970] Oguchi M, et al. *Ophthalmology (Tokyo)* 14:221-46, May 72 (273 ref.) (Jap)

### LEUKEMIA (C2)

- [Etiology, epidemiology and pathology of leukemia] Khokholova MP. *Arkh Patol* 34:3-14, 1972 (133 ref.) (Eng. Abstr.) (Rus)

## LEUKOCYTES

### LEUKOCYTES (A11)

Lipid patterns of leukocytes in health and disease. Gottfried EL. *Semin Hematol* 9:241-50, Jul 72 (72 ref.)

### LH (D8)

[Hypothalamic luteotropic hormone releasing factor (LH-RH). Garnier PE, et al.

*Nouv Presse Med* 1:1839-42, 10 Jun 72 (49 ref.)

### LIPIDS (D11)

Hepatic ketogenesis and lipolysis. Claycomb WC. *Aia J Med Sci* 9:180-96, Apr 72 (137 ref.)

Lipid metabolism during cold-exposure and during cold-acclimation. Himmels-Hagen J.

*Lipids* 7:310-23, May 72 (138 ref.)

Vitamin B<sub>6</sub> deficiency and brain lipids in the suckling rat. *Nutr Rev* 30:183-6, Aug 72 (15 ref.)

Lipid patterns of leukocytes in health and disease. Gottfried EL. *Semin Hematol* 9:241-50, Jul 72 (72 ref.)

### LIPOIDOSIS (C13)

Biochemical and metabolic basis of familial sphingolipidoses. Brady RO.

*Semin Hematol* 9:273-84, Jul 72 (53 ref.)

The pathology of sphingolipidoses. Volk BW, et al.

*Semin Hematol* 9:317-48, Jul 72 (241 ref.)

### LIPOPROTEINS (D10, D11)

The hyperlipidemias and coronary artery disease. Stone NJ, et al. *DM* 1-35, Aug 72 (62 ref.)

Exogenous fatty acids and triglyceride production in rat liver. *Nutr Rev* 30:116-7, May 72 (4 ref.)

### LITHIUM (D1)

[Therapeutic value of lithium salt in cyclophrenic psychoses] Nitka J.

*Psychiatr Pol* 6:327-32, May-Jun 72 (17 ref.) (Pol)

[Effect of lithium on synaptic transmission in the central nervous system] Rybakowski J.

*Psychiatr Pol* 6:323-5, May-Jun 72 (22 ref.) (Pol)

### LIVER (A3)

Hepatic ketogenesis and lipolysis. Claycomb WC. *Aia J Med Sci* 9:180-96, Apr 72 (137 ref.)

The liver and blood coagulation: physiology and pathology. Roberts HR, et al.

*Gastroenterology* 63:397-320, Aug 72 (154 ref.)

The synthesis and degradation of liver-produced proteins. Tavill AS. *Gut* 13:225-41, Mar 72 (104 ref.)

Exogenous fatty acids and triglyceride production in rat liver. *Nutr Rev* 30:116-7, May 72 (4 ref.)

[Study of the morphological and metabolic effects of alcohol on liver] Lieber CS, et al.

*Rev Med Chir Mal Foie* 46:233-54, 1971 (123 ref.) (Eng. Abstr.)

[Hepatitis, Australia antigen and Australia antibody-analysis of Australia antigen, levels of Australia antibody and localization of Australia antigen in the hepatic tissue in acute hepatitis] Ichida F, et al.

*Jap J Clin Med* 30:1147-53, May 72 (33 ref.) (Jap)

[Hormone receptors of the liver and fat cells] Kono T.

*Saishin Igaku* 27:981-6, May 72 (59 ref.) (Jap)

[Physiologic role of glucagon-with special reference to its action on the liver] Nonaka K, et al.

*Saishin Igaku* 27:891-903, May 72 (102 ref.) (Jap)

### LIVER CIRRHOSIS (C4)

Cirrhosis of the liver: principles of classification, histogenesis, and pathogenesis. Smetana HF.

*Pathol Annu* 7:107-44, 1972 (160 ref.)

### LIVER DISEASES (C4)

[Recent aspects of hepatic immunopathology]

Delespresse G, et al.

*Acta Gastroenterol Belg* 34:426-39, Apr-May 71 (71 ref.)

(Fre)

### LIVER GLYCOGEN (D11)

The histochemical evaluation of the glycogen storage diseases. A review of techniques and their limitations. Lake BD. *Histochem J* 2:441-50, Sep 70 (37 ref.)

### LOCOMOTION (G1)

Locomotion: energy cost of swimming, flying, and running. Schmidt-Nielsen K.

*Science* 177:222-6, 21 Jul 72 (40 ref.)

## MEDICAL REVIEWS

### LONG-ACTING THYROID

#### STIMULATOR (D12)

[TSH and LATS] Ochi Y, et al.

*Saishin Igaku* 27:853-61, May 72 (104 ref.) (Jap)

### LONG TERM CARE (N2)

[Long-term anticoagulant therapy] Holzknecht F.

*Wien Med Wochenschr* 122:327-34, 3 Jun 72 (29 ref.)

(Ger)

### LONGEVITY (G1)

Development, aging, and life duration: effects of nutrient restriction. Kahn AJ.

*Am J Clin Nutr* 25:822-8, Aug 72 (51 ref.)

### LUNG (A4)

The use of nerve blocks for studying cardiopulmonary physiology in man. Eisele JH.

*Br J Anaesth* 44:306-10, Jun 72 (23 ref.)

Pulmonary edema. The water-exchanging function of the lung. Fishman AP.

*Circulation* 46:390-408, Aug 72 (68 ref.)

The estimation of perinatal pulmonary maturity: a commentary. Kotas RV.

*J Pediatr* 81:378-83, Aug 72 (42 ref.)

### LUNG NEOPLASMS (C2)

Survey of histologic types of primary lung cancer in U.S. veterans. Horrold KM.

*Pathol Annu* 7:45-79, 1972 (40 ref.)

### LUPUS ERYTHEMATOSUS,

#### SYSTEMIC (C8, C12, C17)

[Autoantibodies and autoimmune diseases in animals]

Trautwein G.

*Dtsch Tierarztl Wochenschr* 79:280-4 passim, 1 Jun 72

(Ger)

[Collagen disease and SLE] Azeyanagi T.

*Jap J Clin Med* 30:413-5, Jan 72 (19 ref.) (Jap)

### LYMPHOID TISSUE (A10)

Immunologic abnormalities: roentgen observations.

Kirkpatrick JA, et al.

*Radiol Clin North Am* 10:245-59, Aug 72 (17 ref.)

### LYSERGIC ACID DIETHYLAMIDE

#### (D2, D6)

[Hashish and LSD. Physical and mental effects.]

Romschmidt H.

*Med Klin* 67:781-6, 2 Jun 72 (118 ref.) (Ger)

[Antagonists of lysergic acid diethylamide (literature review)] Davydova ON, et al.

*Farmakol Toksikol* 34:629-32, Sep-Oct 71 (15 ref.)

(Rus)

### MACROGLOBULINEMIA (C9)

[Clinically macroglobulinemia occurring in plasmacytoma and review of literature] Okubo H, et al.

*Acta Haematol Jap* 34:822-43, Oct 71 (168 ref.) (Eng. Abstr.)

(Jap)

### MAGNESIUM (D1)

[Role of magnesium in the human body with particular reference to early allergic reactions]

Chyrek-Borowska S, et al.

*Pol Tyg Lek* 27:883-5, 3 Jul 72 (36 ref.) (Pol)

[Hypermagnesemia] Fiedorczuk Z, et al.

*Wiad Lek* 25:1073-6, 15 Jul 72 (Eng. Abstr.) (Pol)

### MALABSORPTION SYNDROMES

#### (C4, C13)

What pediatricians should know about malabsorption, but are afraid to ask. Sunshine P.

*Curr Probl Pediatr* 2:3-46, Jun 72 (138 ref.)

Effects and treatment of malabsorption in childhood.

Lloyd JK. *Proc Nutr Soc* 31:61-6, May 72 (17 ref.)

Detection of malabsorption of vitamin B<sub>12</sub> due to

gastric or intestinal dysfunction. Herbert V.

*Semin Nucl Med* 2:220-34, Jul 72 (41 ref.)

### MALONATES (D2)

Excretion of methylmalonic acid by vitamin B<sub>12</sub>

deficient rats kept under germfree or conventional conditions. *Nutr Rev* 30:188-9, Aug 72 (10 ref.)

### MANDIBULAR NEOPLASMS (C2)

An unusual type of ameloblastoma with a review of the literature. Cohen L, et al.

*J Oral Med* 27:83-8, Jul-Sep 72 (51 ref.)

### MATERNAL-FETAL EXCHANGE (G1)

Maternal nutrition and prenatal growth. Experimental studies of effects of maternal undernutrition on fetal and placental growth. Brasel JA, et al.

*Arch Dis Child* 47:479-85, Aug 72 (28 ref.)

### MAXILLARY DISEASES (C3)

Actinomycosis of the maxilla: review of literature and report of case. Goldstein BH, et al.

*J Oral Surg* 30:362-6, May 72 (32 ref.)

### MEDICATION ERRORS (E2)

A review of medication errors and compliance in ambulant patients. Stewart RB, et al.

*Clin Pharmacol Ther* 13:463-8, Jul-Aug 72 (22 ref.)

### MELANOMA (C2)

[Surgery of melanocytoblastoma of the skin] Köstler J, et al.

*Zentralbl Chir* 97:901-8, 13 May 72 (14 ref.) (Ger)

### MELKERSSON-ROSENTHAL

#### SYNDROME (C4, C10)

Melkersson-Rosenthal syndrome: review of literature and report of case. Alexander RW, et al.

*J Oral Surg* 30:599-604, Aug 72 (52 ref.)

### MEMBRANE POTENTIALS (G1, H)

Studies on the molecular mechanism of the response of an excitable membrane to cholinergic agents.

Changeux JP.

*Chem Phys Lipids* 8:355-65, May 72 (17 ref.)

### MEMBRANES (A10)

Permeability and topography of membranes. Van Deenen LL.

*Chem Phys Lipids* 8:366-73, May 72 (13 ref.)

### MEMORY (F1)

An analytical review of the effects of non-hydrogen-bonding anesthetics on memory processing. Porter AL.

*Behav Biol* 7:291-309, Jun 72 (79 ref.)

Hippocampal destruction in man and other animals.

Isaacson RL.

*Neuropsychologia* 10:47-64, Apr 72 (82 ref.)

### MENINGOENCEPHALITIS (C10)

Primary amoebic meningo-encephalitis. An appraisal of present knowledge. Carter RF.

*Trans R Soc Trop Med Hyg* 66:193-213, 1972 (68 ref.)

### MENTAL DISORDERS (F2)

Nicotinic acid and psychiatry. Ban TA.

*Clin Psychiat Assoc J* 16:413-31, Oct 71 (95 ref.)

[Clinical psychopharmacology in 1971] Vlach O.

*Act Nerv Super (Praha)* 14:141-60, 1972 (170 ref.)

(Cze)

### MENTAL RETARDATION (C10, F2)

Diagnosis and treatment of the Lesch-Nyhan syndrome.

Crawhall JC, et al.

*Pediatr Res* 6:504-13, May 72 (74 ref.)

[Neurogerminal degenerations. Current state of the question] Vague J, et al.

*Rev Fr Endocrinol Clin* 12:389-96, Sep-Oct 71 (6 ref.)

(Eng. Abstr.)

(Fre)

### MESOTHELIOMA (C2)

Peritoneal mesothelioma. Moertel CG.

*Gastroenterology* 63:346-50, Aug 72 (30 ref.)

### METABOLIC DISEASES (C13)

Physiological changes in metabolic disorders of bone and evaluation of agents used in their treatment.

Yasumura S.

*Semin Drug Treat* 2:1-13, Summer 72 (67 ref.)

### METABOLISM (G1)

Cross-adaptations and their significance. Fregly MJ.

*Rev Can Biol* 30:223-37, Sep 71 (15 ref.)

# MEDICAL REVIEWS

## NERVOUS SYSTEM DISEASES

### METABOLISM, INBORN ERRORS

(C13)

[Hereditary anomalies of methionine metabolism in children] Svitkina OB, et al. *Pediatrics* 51:68-75, Apr 72 (40 ref.) (Rus)

### METALS (D1)

Pesticides and toxic chemicals. Egan H. *Proc Nutr Soc* 31:23-32, May 72 (41 ref.)

### METHIONINE (D10, D11)

[Hereditary anomalies of methionine metabolism in children] Svitkina OB, et al. *Pediatrics* 51:68-75, Apr 72 (40 ref.) (Rus)

### MICE (B2)

The value of the mouse in carcinogenicity testing. Grasso P, et al. *Food Cosmet Toxicol* 10:418-26, Jun 72

### MICE, INBRED STRAINS (B2)

Fate of vitamin B<sub>6</sub> in the I-strain mouse. Nutr Rev 30:164-7, Jul 72 (11 ref.)

### MICROCIRCULATION (A7, G1)

Diabetogenous peripheral microangiopathy. Baerg RH. *J Am Podiatry Assoc* 62:169-78, May 72 (65 ref.)

### MICROSCOPY, ELECTRON (E5)

Electron microscopy: a functional approach. Hunter JA. *Br J Dermatol* 87:53-7, Jul 72 (40 ref.)

### MINERALS (D1)

Problems of the composition and structure of the bone minerals. Simpson DR. *Clin Orthop* 86:260-86, Jul-Aug 72 (61 ref.)

### MITOCHONDRIA (A11)

Conservation and transformation of energy by bacterial membranes. Harold FM. *Bacteriol Rev* 36:172-230, Jun 72 (403 ref.)

### MODELS, BIOLOGIC (H)

Control system diagrams in physiology, biology and medicine. Alweis C. *Br J Med Sci* 7:Suppl:1-34, 1971 (67 ref.)

### MODELS, NEUROLOGIC (H)

Model neural systems and strategies for the neurobiology of learning. Abraham FD, et al. *Behav Biol* 7:1-24, Feb 72 (77 ref.)

### MONOAMINE OXIDASE INHIBITORS (D6, D9)

Monoamine oxidase inhibitors. Ho BT. *J Pharm Sci* 61:821-37, Jun 72 (212 ref.)

### MORPHINE (D2, D6)

[Recent views on the biochemical aspects of the mode of action of analgesics acting like morphine in the central nervous system] Kuschinsky K. *Klin Wochenschr* 50:401-9, 15 Apr 72 (96 ref.) (Eng. Abstr.) (Ger)

### MOTOR ACTIVITY (F1, G1)

Dopamine, extrapyramidal system, and psychomotor function. Papeschi R. *Psychiatr Neurol Neurochir* 75:13-48, Jan-Feb 72 (265 ref.)

### MOUTH DISEASES (C4)

Experimental oral pathology in the Syrian hamster. Shklar G. *Prog Exp Tumor Res* 16:518-38, 1972 (59 ref.)

### MUCOPOLYSACCHARIDES (D11)

The systemic mucopolysaccharidoses. Spranger J. *Ergebn Med Kinderheilkd* 32:165-265, 1972 (563 ref.)

### MULTIPLE MYELOMA (C2)

Plasma cell myelomatosis and other monoclonal gammopathies. Azar HA. *Pathol Ann* 7:1-17, 1972 (54 ref.) [Clinically macroglobulinemia occurring in plasmacytoma and review of literature] Okubo H, et al.

*Acta Haematol Jap* 34:622-43, Oct 71 (168 ref.) (Eng. Abstr.) (Jap)

### MUSCLE CONTRACTION (G1)

[Prostaglandins and the contractile activity of the uterus (review of the literature) Persianinov LS, et al. *Akush Ginekol (Mosk)* 47:3-7, Apr 71 (24 ref.) (Rus)]

### MUSCLE PROTEINS (D10)

[Structural organization of the myosin molecule] Panteleeva NS. *Usp Sovrem Biol* 73:174-91, Mar-Apr 72 (125 ref.) (Rus)

### MUSCLE RELAXANTS, CENTRAL (D5)

[Mechanism of the action of myorelaxants] Belojarcev FF, et al. *Eksp Khir Anesteziol* 17:85-8, Mar-Apr 72 (321 ref.) (Eng. Abstr.) (Rus)

### MUSCULAR ATROPHY (C3, C10)

[Ataxia associated with muscular atrophy] Ueda K, et al. *Jpn J Clin Med* 29:1883-90, Aug 71 (55 ref.) (Jap)

### MUSCULAR DISEASES (C3)

[Neurology. Side effects and complications of drug therapy] Suchenwirth R, et al. *Munch Med Wochenschr* 114:467-70, 10 Mar 72 (Ger) [True muscular hypertrophy. Nosographic classification] Poch GF. *Presse Med Argent* 59:521-5, 5 May 72 (35 ref.) (Eng. Abstr.) (Spa)

### MUSCULAR DYSTROPHY (C3, C10)

[The site of the lesion in progressive muscular dystrophy] Chaco J. *Harefuah* 52:333, 2 Apr 72 (11 ref.) (Heb)

### MUTATION (G1)

[Genetics of RNA animal viruses. Temperature-sensitive conditional lethal mutation] Yamaji Y. *Nippon Ika Daigaku Zasshi* 39:8-17, Jan 72 (65 ref.) (Jap)

[Isolation of mutant strains having abnormal repressors of the lactose catabolizing operon] Horiochi T, et al.

*Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:154-60, 1972 (43 ref.) (Jap)

[Isolation of catabolite repressive and cyclic AMP mutants] Horiochi T.

*Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:204-8, 1972 (41 ref.) (Jap)

[Isolation of mutants with abnormal lambda-repressors, operators and promotors] Horiochi T.

*Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:274-86, 1972 (97 ref.) (Jap)

[RNA polymerase mutants of bacteria] Igashira K, et al.

*Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:127-33, 1972 (47 ref.) (Jap)

[Release of metabolic products by mutants with abnormal regulatory genes and its application in fermentation] Nakayama K.

*Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:299-301, 1972 (52 ref.) (Jap)

[Isolation of regulatory mutants] Sato K.

*Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:266-73, 1972 (51 ref.) (Jap)

[R mutants] Watanabe T.

*Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:187-91, 1972 (43 ref.) (Jap)

[Metabolic pathways of cyclophosphamide] Norporth K, et al.

*Klin Wochenschr* 50:449-53, 1 May 72 (46 ref.) (Eng. Abstr.) (Ger)

[Cancer and anemia] Urushizaki I. *J Jap Med Assoc* 66:1399-410, 15 Dec 71 (82 ref.) (Jap)

[Vitamin B<sub>12</sub> and the tumor process (review of the literature)] Ostrianina AD.

*Vopr Pitani* 31:25-31, May-Jun 72 (71 ref.) (Rus)

### MYCOBACTERIUM TUBERCULOSIS (B3)

[L-forms of Mycobacterium tuberculosis (review of the literature)] Sukhodolskaya AE. *Vrach Delo* 3:83-6, Mar 72 (Rus)

### MYCOPLASMA (B3)

[Mycoplasma as agent of plant diseases] Moskovets' SM, et al. *Mikrobiol Zh* 33:381-90, May-Jun 71 (86 ref.) (Ukr)

### MYOCARDIAL DISEASES, PRIMARY (C8)

The cardiomyopathies. Goodwin JF, et al. *Br Heart J* 34:545-52, Jun 72 (55 ref.)

Cardiomyopathic Syrian hamster: a possible model of human disease. Gertz EW. *Prog Exp Tumor Res* 18:342-60, 1972 (35 ref.)

[Idiopathic myocardial diseases] Okada R.

*Jap J Clin Med* 30:72-5, Jan 72 (23 ref.) (Jap)

### MYOCARDIUM (A7)

[Modern views on the role of adenylyl cyclase and cyclic 3', 5', AMP in the heart] Janiec W. *Poz Arch Med Wewn* 48:613-9, 1972 (79 ref.) (Pol)

### MYOTONIA ATROPHICA (C3, C10)

[True muscular hypertrophy. Nosographic classification] Poch GF. *Presse Med Argent* 59:521-5, 5 May 72 (35 ref.) (Eng. Abstr.) (Spa)

### MYOTONIA CONGENITA (C3, C10)

[True muscular hypertrophy. Nosographic classification] Poch GF. *Presse Med Argent* 59:521-5, 5 May 72 (35 ref.) (Eng. Abstr.) (Spa)

### MYXEDEMA (C7)

[The etiology and treatment of myxedema coma] Gilboa L. *Harefuah* 52:418-20, 1 May 72 (16 ref.) (Heb)

### NARCOTIC ANTAGONISTS (D6)

New drugs of 1971. Hussar DA. *Am J Pharm* 144:5-22, Jan-Feb 22

### NATRIURESES (G1)

Regulation of sodium excretion: intra- and extrarenal mechanisms. Miller IH. *J R Coll Physicians Lond* 4:335-50, Jul 70 (60 ref.)

### NEOPLASMS (C2)

Cancer chemotherapy. Young CW, et al. *Annu Rev Pharmacol* 11:369-86, 1971 (192 ref.)

Possibilities and problems of immunologic intervention in cancer. Smith RT.

*N Eng J Med* 287:439-50, 31 Aug 72 (138 ref.)

Immunologic enhancement of normal tissue grafts.

Feldman JD. *Pathol Ann* 7:19-44, 1972 (172 ref.)

Comparative oncology: dogs, cats, and man. Dorn CR.

*Perspect Biol Med* 15:507-19, Summer 72 (71 ref.)

Relations between immunity and malignancy. Good RA.

*Proc Natl Acad Sci USA* 69:1026-32, Apr 72 (95 ref.)

Hormone-related tumors in Syrian hamsters. Kirkman H. *Prog Exp Tumor Res* 16:201-40, 1972 (127 ref.)

Genes which increase chromosomal instability in somatic cells and predispose to cancer. German J.

*Prog Med Genet* 8:61-101, 1972 (129 ref.)

[Vinca alkaloids, a newer group of anti-neoplastic drugs] Hansen I, et al. *Ugeskr Laeger* 134:1315-21, 19 Jun 72 (71 ref.) (Eng. Abstr.) (Dan)

[Possibilities of immunodiagnosis and immunotherapy in neoplasms] Schneeweiß U.

*Dtsch Gesundheitswes* 27:865-70, 11 May 72 (31 ref.) (Eng. Abstr.) (Ger)

[Tumor diagnosis using radioactive drugs. Principles, possibilities and limitations] Emrich D.

*Dtsch Med Wochenschr* 97:1258-62, 25 Aug 72 (35 ref.) (Ger)

[Metabolic pathways of cyclophosphamide] Norporth K, et al.

*Klin Wochenschr* 50:449-53, 1 May 72 (46 ref.) (Eng. Abstr.) (Ger)

[Cancer and anemia] Urushizaki I. *J Jap Med Assoc* 66:1399-410, 15 Dec 71 (82 ref.) (Jap)

[Vitamin B<sub>12</sub> and the tumor process (review of the literature)] Ostrianina AD.

*Vopr Pitani* 31:25-31, May-Jun 72 (71 ref.) (Rus)

### NEOPLASMS, EXPERIMENTAL (C2)

Comparative oncology: dogs, cats, and man. Dorn CR.

*Perspect Biol Med* 15:507-19, Summer 72 (71 ref.)

Hormone-related tumors in Syrian hamsters. Kirkman H.

*Prog Exp Tumor Res* 16:201-40, 1972 (127 ref.)

### NEPHRITIS, INTERSTITIAL (C6)

[Pathogenesis of chronic interstitial nephritis following prolonged analgesic abuse] Raafat J, et al. *Klin Wochenschr* 50:489-97, 15 May 72 (60 ref.) (Eng. Abstr.) (Ger)

### NERVE REGENERATION (G1)

A review of the central response to peripheral nerve injury and its significance in nerve regeneration. Engh CA, et al. *J Neurosurg* 37:195-203, Aug 72 (61 ref.)

### NERVOUS SYSTEM DISEASES (C10)

[Neurogerminal degenerations. Current state of the question] Vague J, et al.

*Rev Fr Endocrinol Clin* 12:389-96, Sep-Oct 71 (6 ref.) (Eng. Abstr.) (Fre)

## NEURAL CONDUCTION

### NEURAL CONDUCTION (G1)

The role of prejunctional effects in myoneural transmission. Galindo A. *Anesthesiology* 36:598-608, Jun 72 (106 ref.) [Effect of lithium on synaptic transmission in the central nervous system] Rybakowski J. *Psychiatr Pol* 6:223-5, May-Jun 72 (22 ref.) (Pol)

### NEURAL TRANSMISSION (G1)

Mechanisms of synaptic transmission. Weight FF. *Neurosci Res* 4:1-27, 1971 (101 ref.) [Recent views on the biochemical aspects of the mode of action of analgesics acting like morphine in the central nervous system] Kuschnitsky K. *Klin Wochenschr* 50:401-9, 15 Apr 72 (99 ref.) (Eng. Abstr.) (Ger)

### NEUROHUMORS (D5)

The autonomic nervous system and some aspects of the use of autonomic drugs in children. I. Logg JM, et al. *J Pediatr* 81:205-16, Aug 72. Mechanisms of synaptic transmission. Weight FF. *Neurosci Res* 4:1-27, 1971 (101 ref.)

### NEUROMUSCULAR JUNCTION (A8)

The role of prejunctional effects in myoneural transmission. Galindo A. *Anesthesiology* 36:598-608, Jun 72 (106 ref.)

### NEUROSES (F2)

[Follow-up studies of childhood neuroses] Ernst K. *Acta Paedopsychiatr (Basel)* 36:316-24, 1973 (44 ref.) (Eng. Abstr.) (Ger) [The role of choreotherapy in the psychomotor rehabilitation of neurotic teenagers] Alezko Z. *Psychiatr Pol* 6:345-8, May-Jun 72 (12 ref.) (Pol)

### NICOTINIC ACID (D2, D11)

Nicotinic acid and psychiatry. Ban TA. *Can Psychiatr Assoc J* 16:413-31, Oct 71 (95 ref.)

### NITROGEN FIXATION (G1)

Dinitrogen (N<sub>2</sub>) fixation (with a biochemical emphasis). Dalton H, et al. *Bacteriol Rev* 36:231-60, Jun 72 (210 ref.)

### NITROSAMINES (D2)

Pesticides and toxic chemicals. Egan H. *Proc Nutr Soc* 31:23-32, May 72 (41 ref.)

### NUCLEIC ACIDS (D10)

Biochemical pathology. Farber E. *Annu Rev Pharmacol* 11:71-96, 1971 (200 ref.)

### NUTRITION (G1, G2)

Physiological aspects of aging: relationship to nutrition. Exton-Smith AN. *Am J Clin Nutr* 25:553-9, Aug 72 (49 ref.) Complete intravenous nutrition. Theoretical and experimental background. Wretlind A. *Nutr Metab* 14:Suppl:1-57, 1972 (192 ref.) [Value of intestinal microflora for balanced human nutrition] Haenel H. *Vopr Pitani* 31:7-12, Jan-Feb 72 (19 ref.) (Russ)

### NUTRITION DISORDERS (C13)

Development, aging, and life duration: effects of nutrient restriction. Kahn AJ. *Am J Clin Nutr* 25:222-8, Aug 72 (51 ref.) Maternal undernutrition and its long-term effects on the offspring. Roeder LM, et al. *Am J Clin Nutr* 25:212-21, Aug 72 (60 ref.) Malnutrition, learning, and intelligence. Birch HG. *Am J Public Health* 62:773-84, Jun 72 (97 ref.) Maternal nutrition and prenatal growth. Experimental studies of effects of maternal undernutrition on fetal and placental growth. Brase JA, et al. *Arch Dis Child* 47:479-85, Aug 72 (28 ref.) Fatal hyperalimentation syndrome. *Nutr Rev* 30:121-5, May 72 (4 ref.) [Teratogenic agents in man] Marand R, et al. *Bord Med* 5:215-33, Feb 72 (23 ref.) (Eng. Abstr.) (Fre)

### OBESITY (C13, G1)

[Obesity-background and treatment] Bentwich T, et al. *Harefah* 8:236-9, 2 Apr 72 (49 ref.) (Heb)

### OCULOMOTOR MUSCLES (A2)

[Diagnosis and therapy of paralytic strabismus resulting from faulty innervation. Electromyographic study] Papst W.

## MEDICAL REVIEWS

*Adv Ophthalmol* 25:104-63, 1972 (129 ref.) (Eng. Abstr.) (Ger)

### OCULOMOTOR PARALYSIS (C10, C11)

[Diagnosis and therapy of paralytic strabismus resulting from faulty innervation. Electromyographic study] Papst W. *Adv Ophthalmol* 25:104-63, 1972 (129 ref.) (Eng. Abstr.) (Ger)

### OPERON (G1)

[Isolation of mutant strains having abnormal repressors of the lactose catabolizing operon] Horuchi T, et al.

*Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:154-60, 1972 (43 ref.) (Jap)

[Isolation of mutants with abnormal lambda-repressors, operators and promoters] Horuchi T.

*Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:274-86, 1972 (97 ref.) (Jap)

### OPTIC NERVE (A8)

[Visual tract diseases and the visual field—with special reference to the significance of the flicker test in the diagnosis and therapy of optic nerve diseases] Oshima T, et al.

*Ophthalmology (Tokyo)* 14:208-25, Mar 72 (107 ref.) (Jap)

### ORGANOPHOSPHORUS COMPOUNDS (D2, D3)

Organophosphorus pesticides: biochemical and toxic effects. *Food Cosmet Toxicol* 10:409-14, Jun 72

### ORTHOPEDIC EQUIPMENT (E4, E5)

New developments in lower-limb orthotics through bioengineering. Lehnherr HR. *Arch Phys Med Rehabil* 53:303-10 *passim*, Jul 72 (10 ref.)

### OSSIFICATION, PHYSIOLOGIC (G1)

Assessment of bone maturation—methods and pitfalls. Graham CR. *Radiol Clin North Am* 10:185-202, Aug 72 (37 ref.)

### OSTEITIS DEFORMANS (C3)

Treatment of Paget's disease with fluoride. Riggs BL, et al. *Semin Drug Treat* 2:65-8, Summer 72 (13 ref.) Treatment of Paget's disease with a diphosphonate (sodium etidronate). Smith R, et al. *Semin Drug Treat* 2:77-81, Summer 72 (26 ref.)

### OSTEOMALACIA (C3, C13)

Treatment of rickets and osteomalacia. Parfitt AM, et al. *Semin Drug Treat* 2:83-115, Summer 72 (256 ref.)

### OSTEOPOROSIS (C3)

Treatment of osteoporosis with phosphate. Goldsmith RS. *Semin Drug Treat* 2:35-7, Summer 72 (13 ref.) Treatment of osteoporosis with diphosphonates. Saville PD, et al. *Semin Drug Treat* 2:47-50, Summer 72 (9 ref.)

### OVUM (A11)

[Ultrastructure of the human ovocyte of the Graafian follicle] Pavelka R, et al. *Wien Klin Wochenschr* 84:305-12, 12 May 72 (16 ref.) (Eng. Abstr.) (Ger)

### OXIDOREDUCTASES (D9)

Dinitrogen (N<sub>2</sub>) fixation (with a biochemical emphasis). Dalton H, et al. *Bacteriol Rev* 36:231-60, Jun 72 (210 ref.)

### OXYGEN (D1)

Anaerobic processes. Ghosh S. *J Water Pollut Control Fed* 44:948-59, Jun 72 (82 ref.)

### OXYGEN CONSUMPTION (G1)

The metabolic function of oxygen and biochemical lesions of hypoxia. Cohen PJ. *Anesthesiology* 37:148-77, Aug 72 (209 ref.)

### PACEMAKER, ARTIFICIAL (E4)

Background of clinical electrostimulation. VII. Modern era of artificial cardiac pacemakers. Schechter DC. *NY State J Med* 73:1108-91, 15 May 72 (216 ref.)

[Surgical aspects of electrostimulation of the heart in

arrhythmias] Roloff W.

*Zentralbl Chir* 97:553-7, 6 May 72 (12 ref.) (Ger)

### PANCREAS (A3)

Hormonal control of pancreatic endocrine and exocrine secretion. Youngs G. *Gut* 13:154-61, Feb 72 (81 ref.) The pancreas and vitamin B 12 absorption.

*Nutr Rev* 30:181-3, Aug 72 (22 ref.)

Diazoxide and the secretion of insulin.

*Nutr Rev* 30:194-6, Aug 72 (10 ref.)

The role of radionuclides in the evaluation of pancreatic blood flow, size, and exocrine function.

Spencer RP. *Semin Nucl Med* 2:191-200, Jul 72 (51 ref.)

### PANCREATIC DISEASES (C4)

Pancreas scanning after ten years. Miale A Jr, et al. *Semin Nucl Med* 2:201-19, Jul 72 (35 ref.)

[Immunopathology of the pancreas] Acosta JM, et al. *Presse Med Argent* 59:491-6, 20 Apr 72 (52 ref.) (Eng. Abstr.) (Spa)

### PANCREATIC NEOPLASMS (C2)

Pancreas scanning after ten years. Miale A Jr, et al. *Semin Nucl Med* 2:201-19, Jul 72 (35 ref.)

### PANCREATITIS (C4)

[Water-electrolyte metabolic disorders in acute pancreatitis (survey of the literature)] Lashchevskaya VM.

*Patol Fisiol Eksp Ter* 16:88-92, Jan-Feb 72 (117 ref.) (Rus)

### PARAPLEGIA (C10)

[Therapy of traumatic paraplegia] Meinecke FW. *Med Klin* 67:761-7, 2 Jun 72 (32 ref.) (Ger)

### PARASYMPATHOLYTICS (D5)

New drugs of 1971. Hussar DA. *Am J Pharm* 144:5-22, Jan-Feb 72

### PARASYMPATHOMIMETICS (D5)

Studies on the molecular mechanism of the response of an excitable membrane to cholinergic agents. Changeux JP.

*Chem Phys Lipids* 8:355-65, May 72 (17 ref.)

### PARATHYROID HORMONE (D8)

[Calcium metabolism abnormalities and the levels of parathyroid hormone and calcitonin in the blood] Fujita T.

*Jap J Clin Med* 30:744-50, Mar 72 (26 ref.) (Jap)

[Mechanism of action of parathormone and calcitonin] Fujita T.

*Saishin Igaku* 27:877-82, May 72 (72 ref.) (Jap)

### PARENT-CHILD RELATIONS (F1)

Battered children. Lukianowicz N. *Psychiatr Clin (Basel)* 4:257-80, 1971 (44 ref.)

### PARENTERAL FEEDING (E2)

Complete intravenous nutrition. Theoretical and experimental background. Wretlind A.

*Nutr Metab* 14:Suppl:1-57, 1972 (192 ref.)

Fatal hyperalimentation syndrome.

*Nutr Rev* 30:121-5, May 72 (4 ref.)

[Intravenous feeding in infants] Berant M.

*Harefuah* 82:332-3, 2 Apr 72 (23 ref.) (Heb)

### PATHOLOGY (G2)

Crystals in pathologic specimens. Johnson FB.

*Pathol Ann* 7:321-44, 1972 (23 ref.)

Changing pathology in the 1970s. MacDonald RA.

*Pathol Ann* 7:293-319, 1972 (231 ref.)

### PEDODONTICS (E6, G2)

Pulp therapy in pedodontics. Frankl SN.

*Oral Surg* 34:293-309, Aug 72 (131 ref.)

### PEPTIC ULCER (C4)

Psychosomatic medicine. VII. Psychosomatic aspects of peptic ulcer disease. Morgan D.

*Practitioner* 209:114-20, Jul 72 (27 ref.)

### PERFUSION (E2)

[Physiology of the kidney in extracorporeal survival] Nitza A.

*J Urol Nephrol (Paris)* 77:909-27, Dec 71 (50 ref.) (Fre)

[Hepatic assistance in the treatment of acute hepatic insufficiency] Kuster GG, et al.

## MEDICAL REVIEWS

## RADIATION EFFECTS

Union Med Can 101:1333-5, Jul 72 (50 ref.) (Eng. Abstr.) (Fre)

### PERIAPICAL ABSCESS (C1, C4)

Inflammation and infection of pulp and periapical tissues. Naidorf IJ. Oral Surg 34:488-97, Sep 72 (101 ref.)

### PERICARDITIS, CONSTRICTIVE (C8)

The pericardium. Baue AE, et al. Ann Thorac Surg 14:81-106, Jul 72 (67 ref.)

### PERICARDIUM (A7)

The pericardium. Baue AE, et al. Ann Thorac Surg 14:81-106, Jul 72 (67 ref.)

### PERIPHERAL NERVE DISEASES (C10)

[Neurology. Side effects and complications of drug therapy] Suchenwirth R, et al. Munch Med Wochenschr 114:467-70, 10 Mar 72 (Ger)

### PERIPHERAL NERVES (A8)

A review of the central response to peripheral nerve injury and its significance in nerve regeneration. Engh CA, et al. J Neurosurg 37:195-203, Aug 72 (61 ref.)

### PERITONEAL NEOPLASMS (C2)

Peritoneal mesothelioma. Moertel CG. Gastroenterology 63:346-50, Aug 72 (20 ref.)

### PERMEABILITY (H)

Permeability and topography of membranes. Van Deenen LL. Chem Phys Lipids 8:366-73, May 72 (13 ref.)

### PERSONAL HEALTH SERVICES (N2)

Some approaches and problems in the study of the use of services—an overview. McKinlay JB. J Health Soc Behav 13:115-52, Jun 72 (356 ref.)

### PERSONALITY (F1)

Personality and academic attainment. Entwistle NJ. Br J Educ Psychol 42:137-51, Jun 72 (82 ref.)

### PESTICIDES (D3, D13)

Organophosphorus pesticides: biochemical and toxic effects. Food Cosmet Toxicol 10:409-14, Jun 72. Pesticides and toxic chemicals. Egan H. Proc Nutr Soc 31:23-32, May 72 (41 ref.)

### PHARMACOLOGY (G1, G2)

Circadian chronopharmacology. Reinberg A, et al. Ann Rev Pharmacol 11:455-92, 1971 (223 ref.)

### PHEROMONES (D12, F1)

Gypsy moth control with the sex attractant pheromone. Beroza M, et al. Science 177:19-27, 7 Jul 72 (38 ref.)

### PHOSPHATES (D1)

Treatment of osteoporosis with phosphate. Goldsmith RS. Semin Drug Treat 2:35-7, Summer 72 (13 ref.)

### PHOSPHONIC ACIDS (D1, D2)

Treatment of osteoporosis with diphosphonates. Saville PD, et al. Semin Drug Treat 2:47-50, Summer 72 (9 ref.) Treatment of Paget's disease with a diphosphonate (sodium citidronate). Smith R, et al. Semin Drug Treat 2:77-81, Summer 72 (36 ref.)

### PITUITARY HORMONE RELEASING FACTORS (D8)

[Hypothalamic luteotropic hormone releasing factor (LH-RH). Garnier PE, et al. Nouv Presse Med 1:1639-42, 10 Jun 72 (49 ref.) [Action mechanism of releasing factors] Kaneko T. Saitama Igaku 27:341-6, May 72 (32 ref.) (Jap)]

### POSTOPERATIVE CARE (E4)

Nutritional therapy in surgery and trauma. Metabolic consequences of nutritional restriction and stress. Carlo PE. Aggroneurologie 12:303-24, 1971 (54 ref.)

### POSTOPERATIVE COMPLICATIONS (C17)

Nutritional therapy in surgery and trauma. Metabolic consequences of nutritional restriction and stress. Carlo PE. Aggroneurologie 12:303-24, 1971 (54 ref.) [Preliminary examinations and indication for subsequent late interventions of the operated stomach] Ottenjann R. Med Klin 67:475-8, 7 Apr 72 (23 ref.) (Ger)

### PREANESTHETIC MEDICATION (E3, E4)

[Ketamines as preanesthetic medication and anesthesia inducing agents—experiences in otorhinolaryngologic surgery in children] Erdmann W, et al. Anaesthesist 21:309-12, May 72 (5 ref.) (Eng. Abstr.) (Ger)

### PRECANCEROUS CONDITIONS (C2)

Pre-cancer and the skin. Newbold PC. Br J Dermatol 86:417-34, Apr 72 (282 ref.) Endometrial hyperplasias, precursors of endometrial carcinoma. Vellios F. Pathol Annu 7:201-29, 1972 (65 ref.)

### PREGNANCY COMPLICATIONS (C6)

Maternal undernutrition and its long-term effects on the offspring. Roeder LM, et al. Am J Clin Nutr 25:212-21, Aug 72 (60 ref.) Maternal nutrition and prenatal growth. Experimental studies of effects of maternal undernutrition on fetal and placental growth. Braxad JA, et al. Arch Dis Child 47:479-85, Aug 72 (28 ref.) [The so-called pregnancy nephropathies] Usandizaga M. Acta Obstet Gynecol Hispan 20:135-51, Apr 72 (Spa)

### PREGNANCY COMPLICATIONS, INFECTIOUS (C1, C6)

[Bacteruria and its sequelae in obstetrics] Fischer W. Z Aerztl Fortbild (Jena) 65:395-6, 1 Sep 71 (47 ref.) (Ger) [Bacteremic shock in tocolytics: physiopathology and therapeutic implications] Neme B. Matern Infanc (Sao Paulo) 30:229-59, Jul-Sep 71 (153 ref.) (Eng. Abstr.) (Por)

### PREGNANCY TOXEMIAS (C6)

[Late gestoses] Hauschild R, et al. Z Aerztl Fortbild (Jena) 66:380-6, 15 Apr 72 (30 ref.) (Ger)

### PRIMATES (B2)

Survival, mating and rearing strategies in the evolution of primate social structure. Goss-Custard JD, et al. Folia Primatol (Basel) 17:1-19, 1972 (42 ref.)

### PROPIONATES (D2)

[Propionic acidemia. New concept of hyperglycinemia with ketosis] Guibaud P. Pediatr 27:317-30, Mar 72 (10 ref.) (Fre)

### PROSTAGLANDINS (D12)

The prostaglandins. Biochemical, physiologic and clinical considerations. Higgins CB, et al. Am J Med 53:92-112, Jul 72 (263 ref.) The inter-relationships between renal prostaglandins and blood pressure regulation. Lee JB. Am J Med Sci 263:335-44, May 72 (52 ref.) [Prostaglandins and the contractile activity of the uterus (review of the literature)] Persianinov LS, et al. Akush Ginekol (Mosk) 47:3-7, Apr 71 (34 ref.) (Rus)

### PROSTHESIS (E4)

[Tolerance to synthetic material in plastic surgery] Lejour M, et al. Acta Chir Belg 70:245-53, Mar 71 (182 ref.) (Eng. Abstr.) (Fre)

### PROTEIN-LOSING ENTEROPATHIES (C4, C13)

Protein-losing enteropathy and kinetic studies of plasma protein metabolism. Waldmann TA. Semin Nucl Med 2:251-63, Jul 72 (25 ref.)

### PROTEINS (D10)

Biochemical pathology. Farber E. Annu Rev Pharmacol 11:71-96, 1971 (200 ref.) The synthesis and degradation of liver-produced proteins. Tavill AS. Gut 13:235-41, Mar 72 (104 ref.)

### PSEUDORABIES (C1, C15)

Immunologic approaches to the control of pseudorabies. Gustafson DP, et al. J Am Vet Med Assoc 160:923-8, 15 Feb 72 (37 ref.)

### PSYCHOPHYSIOLOGIC DISORDERS (F2)

Psychosomatic medicine. VII. Psychosomatic aspects of peptic ulcer disease. Morgan D. Practitioner 209:114-20, Jul 72 (27 ref.) [Psychosomatic aspects of rheumatoid arthritis: review of the literature] Friedman H. Acta Psychiatr Belg 72:117-41, Jan 72 (76 ref.) (Eng. Abstr.) (Fre)

### PSYCHOPHYSIOLOGY (F1, F3, G1)

Dopamine, extrapyramidal system, and psychomotor function. Papesch R. Psychiatr Neurol Neurochir 75:13-48, Jan-Feb 72 (265 ref.)

### PSYCHOSES, MANIC-DEPRESSIVE (F2)

[Therapeutic value of lithium salt in cyclophrenic psychoses] Nitka J. Psychiatr Pol 6:327-32, May-Jun 72 (17 ref.) (Pol)

### PSYCHOSES, TOXIC (C14, F2)

Catecholamines in the brain as mediators of amphetamine psychosis. Snyder SH. Arch Gen Psychiatry 27:169-79, Aug 72 (86 ref.)

### PULMONARY ALVEOLI (A4)

The estimation of perinatal pulmonary maturity: a commentary. Rotas RV. J Pediatr 81:378-83, Aug 72 (42 ref.)

### PULMONARY EDEMA (C5)

Pulmonary edema. The water-exchanging function of the lung. Fishman AP. Circulation 46:390-406, Aug 72 (68 ref.)

### PULMONARY HEART DISEASE (C8)

Chronic pulmonary heart disease. Thomas AJ. Br Heart J 34:653-7, Jul 72 (50 ref.)

### PURINE-PYRIMIDINE METABOLISM, INBORN ERRORS (C13)

Diagnosis and treatment of the Lesch-Nyhan syndrome. Crawhall JC, et al. Pediatr Rev 6:504-12, May 72 (74 ref.)

### PYRIDOXAL PHOSPHATE (D9)

Fate of vitamin B 6 in the I-strain mouse. Nutr Rev 30:164-7, Jul 72 (11 ref.)

### PYRIDOXINE (D11)

The effect of neuropharmacological agents on metabolism in vitamin B6 in brain. McCoy EE, et al. Adv Biochem Psychopharmacol 4:93-104, 1972 (26 ref.)

Fate of vitamin B 6 in the I-strain mouse. Nutr Rev 30:164-7, Jul 72 (11 ref.)

### PYRIDOXINE DEFICIENCY (C13)

Vitamin B 6 deficiency and brain lipids in the suckling rat. Nutr Rev 30:163-4, Aug 72 (15 ref.)

### RACIAL STOCKS (I)

[The racial question and contemporary genetics] Dubinin NP. Usp Sovrem Nauk 73:309-30, Mar-Apr 72 (100 ref.) (Rus)

### RADIATION EFFECTS (G3)

Genes which increase chromosomal instability in somatic cells and predispose to cancer. German J. Prog Med. Genet 8:61-101, 1972 (120 ref.)

[Radiosensitivity under hypothermic conditions] Bernshtain VA. Med Radiol (Mosk) 16:90-96, Oct 71 (73 ref.) (Rus)

## RADIATION EFFECTS

[Gamma-aminobutyric acid system in the brain under extreme conditions (review of the literature)] Maslova MN, et al. *Patol Fiziol Eksp Ter* 15:88-92, Sep-Oct 71 (89 ref.) (Rus)

## RADIATION INJURY, EXPERIMENTAL (C14)

[Experimental scoliosis (review of the literature)] Tschaeff NTs. *Ortop Travmatol Protes* 33:80-3, Jun 72 (36 ref.) (Rus)

## RADIATION-PROTECTIVE AGENTS (D13)

[Combined use of radioprotective compounds (review of literature)] Vasin MV, et al. *Farmakol Toksikol* 33:501-7, Jul-Aug 70 (Rus)

## RADIOIMMUNOASSAY (E5)

[Recent progress in radioimmunoassay] Saito S. *Jap J Clin Med* 29:1653-9, Jul 71 (19 ref.) (Jap)

## RADIOISOTOPE SCANNING (E1)

Radionuclide imaging of the central nervous system in children. Conway JJ.

*Radiof Clin North Am* 10:291-312, Aug 72 (59 ref.)

Pancreas scanning after ten years. Miale A Jr, et al.

*Semin Nucl Med* 2:201-19, Jul 72 (35 ref.)

[Tumor diagnosis using radioactive drugs. Principles, possibilities and limitations] Emrich D.

*Dtsch Med Wochenschr* 97:1258-62, 25 Aug 72 (35 ref.) (Ger)

## RADIOISOTOPES (D1)

The role of radionuclides in the evaluation of pancreatic blood flow, size, and exocrine function. Spencer RP. *Semin Nucl Med* 2:191-200, Jul 72 (51 ref.)

## RATS, INBRED STRAINS (B2)

Senescence in germfree rats. Pollard M. *Gerontologia* 17:333-8, 1971 (32 ref.)

## RECEPTORS, DRUG (G1)

Studies on the molecular mechanism of the response of an excitable membrane to cholinergic agents. Changeux JP.

*Chem Phys Lipids* 8:355-65, May 72 (17 ref.)

## RECTUM (A3)

Physiology of the colon and rectum. Hagiwara PF, et al. *Surg Clin North Am* 52:797-805, Aug 72 (29 ref.)

## REFLEX, CONDITIONED (F1)

[Exaltation period in the development of behavior in ontogenesis] Obratzsova GA. *Zh Vysok Nerv Delat* 22:211-8, Mar-Apr 72 (32 ref.) (Eng. Abstr.) (Rus)

## REPRODUCTION (G1)

Effects of sound on the female reproductive system. Singh KB.

*Am J Obstet Gynecol* 112:981-91, 1 Apr 72 (87 ref.)

Survival, mating and rearing strategies in the evolution of primate social structure. Goss-Custard JD, et al. *Folia Primatol (Basel)* 17:1-19, 1972 (42 ref.)

## RESEARCH (H)

[Medico-biological experiments on pigs (review of foreign literature)] Dushkin VA, et al. *Patol Fiziol Eksp Ter* 15:84-6, Sep-Oct 71 (43 ref.) (Rus)

## RESERPINE (D2, D5, D6)

The effect of neuropharmacological agents on metabolism in vitamin B6 in brain. McCoy EE, et al. *Adv Biochem Psychopharmacol* 4:93-104, 1972 (26 ref.)

## RESPIRATION (G1)

Drugs and respiratory control. Brown EB Jr. *Annu Rev Pharmacol* 11:271-84, 1971 (207 ref.)

## RESPIRATION, ARTIFICIAL (E2)

Respiratory care of newborn infants. Gregory GA. *Pediatr Clin North Am* 19:311-24, May 72 (34 ref.)

## MEDICAL REVIEWS

### RESPIRATORY FUNCTION TESTS

#### (E1)

Response to progressive exercise: a three-index test. Cotes JE. *Br J Dis Chest* 66:169-84, Jul 72 (48 ref.)

### RESPIRATORY HYPERSENSITIVITY

#### (C5, C14)

Extrinsic allergic alveolitis. Stretton TB. *Practitioner* 266:742-9, Jun 72 (26 ref.)

### RESPIRATORY INSUFFICIENCY (C5)

Respiratory care of newborn infants. Gregory GA. *Pediatr Clin North Am* 19:311-24, May 72 (34 ref.)

[Recent trends in pulmonary surgery. 2. Post-traumatic respiratory insufficiency] Oata M.

*Jap J Thorac Surg* 25:11-8, Jan 72 (54 ref.) (Jap)

[Feelings of breathlessness] Frankenstein SI, et al.

*Patol Fiziol Eksp Ter* 16:3-10, Jan-Feb 72 (45 ref.) (Rus)

### RESPIRATORY SYSTEM (A4)

Toxicology: the respiratory tract. Casarett LJ. *Annu Rev Pharmacol* 11:425-46, 1971 (155 ref.)

### RESPIRATORY TRACT INFECTIONS

#### (C1, C5)

Bovine respiratory disease: is control possible? Phillip JL. *Vet Rec* 90:552-5, 13 May 72 (37 ref.)

### RESPIRATORY TRACT NEOPLASMS

#### (C2)

Respiratory carcinogenesis studies with the Syrian golden hamster: a review. Nettekoven P. *Prog Exp Tumor Res* 16:185-200, 1972 (42 ref.)

### RETICULAR FORMATION (A8)

A historical note on the ascending reticular formation of the brain-stem. Meyer A. *Psychol Med* 1:13-7, Nov 70 (44 ref.)

### RETICULOENDOTHELIOSIS (C2, C9)

The sea-blue histiocyte syndrome: a review: genetic and biochemical studies. Sawitsky A, et al. *Semin Hematol* 9:285-97, Jul 72 (65 ref.)

### RETINA (A9)

[Recent trends in studies of the functions of visual pigments and visual cells] Kimura E. *J Physiol Soc Jap* 34:53-70, Feb 72 (150 ref.) (Jap)

### RETINAL PIGMENTS (D10)

[Recent trends in studies of the functions of visual pigments and visual cells] Kimura E. *J Physiol Soc Jap* 34:53-70, Feb 72 (150 ref.) (Jap)

### RHABDOMYOSARCOMA (C2)

Rhabdomyosarcoma: an ultrastructural appraisal. Moralet AR, et al. *Pathol Annu* 7:81-106, 1972 (34 ref.)

### RIBOFLAVIN DEFICIENCY (C13)

Erythrocyte glutathione reductase—a measure of riboflavin nutritional status. Nutr Rev 30:162-4, Jul 72 (11 ref.)

### RICKETS (C3, C13)

Treatment of rickets and osteomalacia. Parfitt AM, et al. *Semin Drug Treat* 2:83-115, Summer 72 (256 ref.)

### RNA (D10)

[Transcription of genetic information. 1. Mechanism of genetic transcription—the molecular process of RNA SYNTHESIS] Ishihama A.

*Jap J Clin Med* 29:1964-72, Aug 71 (27 ref.) (Jap)

### RNA NUCLEOTIDYL- TRANSFERASES

#### (D9)

[RNA polymerase mutants of bacteria] Igarashi K, et al. *Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:127-33, 1972 (47 ref.) (Jap)

### RNA, TRANSFER (D10)

Three-dimensional structure of tRNA. Cramer F.

*Prog Nucleic Acid Res Mol Biol* 11:391-421, 1971 (111 ref.)

### RNA VIRUSES (B4)

[Genetics of RNA animal viruses. Temperature-sensitive conditional lethal mutation] Yamaji Y. *Nippon Ika Daigaku Zasshi* 39:8-17, Jan 72 (65 ref.) (Jap)

### RODENT DISEASES (C15)

Cardiomyopathic Syrian hamster: a possible model of human disease. Gertz EW. *Prog Exp Tumor Res* 16:242-60, 1972 (35 ref.)

[Autoantibodies and autoimmune diseases in animals] Trautwein G. *Dtsch Tierarztl Wochenschr* 79:280-4 passim, 1 Jun 72 (Ger)

### SALICYLATES (D2, D6)

[Physiopathology of acute salicylate poisoning] Zarbekci M. *Fel Arch Med Wawa* 48:821-5, 1972 (55 ref.) (Pol)

### SANITARY ENGINEERING (G2, G3, J)

Lagoons and oxidation ponds. Boyle WC. *J Water Pollut Control Fed* 44:934-44, Jun 72 (82 ref.)

Wastewater treatment. Physical and chemical methods. Cohen JM, et al. *J Water Pollut Control Fed* 44:915-23, Jun 72 (90 ref.)

Anaerobic processes. Ghosh S. *J Water Pollut Control Fed* 44:948-59, Jun 72 (82 ref.)

Water reclamation and reuse. Keinath TM. *J Water Pollut Control Fed* 44:981-7, Jun 72 (49 ref.)

Disinfection. Kiannan RN, et al. *J Water Pollut Control Fed* 44:972-7, Jun 72 (35 ref.)

### SARCOIDOSIS (C17)

[Etiology of erythema nodosum] Mygind N. *Ugeskr Laeger* 134:1161-3, 29 May 72 (24 ref.) (Eng. Abstr.) (Dan)

### SCHISTOSOMIASIS (C1)

The immunopathogenesis of schistosomiasis: a multidisciplinary approach. Warren KS. *Trans R Soc Trop Med Hyg* 66:417-34, 1972 (70 ref.)

### SCHIZOPHRENIC LANGUAGE (F2)

The language of schizophrenia: a review and interpretation. Maher B. *Br J Psychiatry* 120:3-17, Jan 72 (63 ref.)

### SCOLIOSIS (C3)

[Surgical methods of correcting thoracic deformities in scoliosis (review of the literature)] Shevchenko SD. *Ortop Travmatol Protes* 33:77-90, Jun 72 (18 ref.) (Rus)

[Experimental scoliosis (review of the literature)] Tschaeff NTs. *Ortop Travmatol Protes* 33:80-3, Jun 72 (36 ref.) (Rus)

### SECRETIN (D8)

Gastrointestinal hormones and insulin secretion. *Scand J Gastroenterol* 7:269-92, 1972 (38 ref.)

### SELF MUTILATION (C14, F2)

Diagnosis and treatment of the Leish-Nyhan syndrome. Crawhall JC, et al. *Pediatr Res* 6:504-13, May 72 (74 ref.)

### SENSATION (F1, G1)

[Feelings of breathlessness] Frankenstein SI, et al. *Patol Fiziol Eksp Ter* 16:3-10, Jan-Feb 72 (45 ref.) (Rus)

### SEWAGE (G3)

[Water hygiene and sanitary control of reservoirs in relation to urbanization] Bukhtiarov AP. *Gig Sanit* 37:36-8, Feb 72 (16 ref.) (Rus)

### SEX CHROMATIN (A11)

[Use of methods of studying sex chromatin (literature review)] Andreeva EI, et al. *Vopr Okhr Materin Det* 16:43-9, Aug 71 (41 ref.) (Rus)

### SEX CHROMOSOMES (A11)

[Male and female gonadal differentiation] Boczkowski K. *Pol Tyg Lek* 27:924-7, 12 Jul 72 (28 ref.) (Pol)

# MEDICAL REVIEWS

THIAMINE

## SEX DETERMINATION (E1, E5, G1)

[Male and female gonadal differentiation] Boczkowski K. *Pol Tyg Lek* 27:924-7, 12 Jul 72 (26 ref.) (Pol)

## SHARKS (B2)

The effect of foreign compounds on elasmobranchs and the effect of elasmobranchs on foreign compounds. Adamson RH, et al. *Comp Biochem Physiol [A]* 42:171-82, 1 May 72 (35 ref.)

Binding properties of shark immunoglobulins. Sigel MM, et al. *Comp Biochem Physiol [A]* 42:249-59, 1 May 72 (16 ref.)

## SHOCK, ENDOTOXIC (C17)

[Bacteremic shock in toecynecology: physiopathology and therapeutic implications] Neme B. *Matern Infanc (Bao Pario)* 30:239-59, Jul-Sep 71 (153 ref.) (Eng. Abstr.) (Per)

## SHOCK, HEMORRHAGIC (C17)

[Animal experiment studies on the circulatory effect of ketamine and barbiturate in hemorrhagic shock] Patschke D, et al. *Anaesthesist* 21:205-9, May 72 (13 ref.) (Eng. Abstr.) (Ger)

## SILICONES (D13)

[Tolerance to synthetic material in plastic surgery] Lejour M, et al. *Acta Chir Belg* 70:245-83, Mar 71 (182 ref.) (Eng. Abstr.) (Fre)

## SKIN (A1)

Electron microscopy: a functional approach. Hunter JA. *Br J Dermatol* 87:53-7, Jul 72 (40 ref.) Drug reactions. 18. Cutaneous reactions to antituberculous drugs. Levantine A, et al. *Br J Dermatol* 86:451-5, Jun 72 (57 ref.) Solar and senile skin: changes caused by aging and habitual exposure to the sun. Jackson R. *Geriatrics* 27:106-12, Aug 72 (20 ref.)

## SKIN NEOPLASMS (C2)

Pre-cancer and the skin. Newbold PC. *Br J Dermatol* 86:417-34, Apr 72 (262 ref.) [Surgery of melanocytoblastoma of the skin] Köstler J, et al. *Zentralbl Chir* 97:601-8, 13 May 72 (14 ref.) (Ger)

## SLEEP (F1, G1)

Sleep and its disorders in infants and children: a review. Anders TF, et al. *Pediatrics* 50:312-24, Aug 72 (84 ref.)

## SLEEP DISORDERS (C10, F2)

Sleep and its disorders in infants and children: a review. Anders TF, et al. *Pediatrics* 50:312-24, Aug 72 (84 ref.)

## SMALLPOX (C1)

[Differential diagnosis of smallpox] Söltz-Szöts J, et al. *Wien Klin Wochenschr* 84:337-40, 26 May 72 (18 ref.) (Eng. Abstr.) (Ger)

## SOMATOTROPIN (D8)

Human growth hormone. Tanner JM. *Nature (Lond)* 237:433-6, 23 Jun 72 (91 ref.) Growth hormone. Control of release and characteristics in plasma. Beck JC, et al. *Trans Am Clin Climatol Assoc* 83:18-44, 1972 (138 ref.) [Problems concerning action mechanism of growth hormone] Matsuzaki F. *Saisin Igaku* 27:862-7, May 72 (57 ref.) (Jap)

## SOUND (H)

Effects of sound on the female reproductive system. Singh KB. *Am J Obstet Gynecol* 112:981-91, 1 Apr 72 (87 ref.)

## SPHINGOLIPIDS (D11)

Biochemical and metabolic basis of familial sphingolipidoses. Brady RO. *Semin Hematol* 9:273-84, Jul 72 (53 ref.) The pathology of sphingolipidoses. Volk BW, et al. *Semin Hematol* 9:317-48, Jul 72 (241 ref.)

## SPINAL CORD INJURIES (C14)

Acute spinal cord injury: a review of recent studies of

treatment and pathophysiology. Tator CH. *Can Med Assoc J* 107:143-5 passim, 22 Jul 72 (61 ref.)

## SPONDYLITIS, ANKYLOSING (C3)

[Guidelines for orthopedic treatment of ankylosing spondylitis] Witwicki T, et al. *Wiad Lek* 25:1077-83, 15 Jul 72 (Eng. Abstr.) (Pol)

## SPUTUM (A12)

[Physical properties of the sputum. Review] Dadak O, et al. *Vnitr Lek* 18:592-7, Jun 72 (31 ref.) (Eng. Abstr.) (Cze)

## STAPHYLOCOCCUS (B3)

[Microbial genetics and staphylococci] Ichikawa Y. *Nippon Ika Daigaku Zasshi* 39:1-7, Jan 72 (50 ref.) (Jap)

## STERILITY, FEMALE (C6)

[The therapeutic value of Clomid in anovulatory cycles] Bugala K. *Ginekol Pol* 43:739-44, 1972 (38 ref.) (Eng. Abstr.) (Pol)

[Use of clomiphene for treating sterility] Manullova IA, et al. *Sov Med* 35:49-52, May 72 (43 ref.) (Rus)

## STERILIZATION, SEXUAL (E4)

[Vasectomy] Hoornbeek WJ. *Ned Tijdschr Geneesk* 116:1174-83, 8 Jul 72 (Dut)

## STEROLS (D11)

Analysis of sterols: application to sterol balance studies. Subbiah MT.

*Am J Clin Nutr* 25:780-8, Aug 72 (51 ref.) Recent investigations on the nature of sterol intermediates in the biosynthesis of cholesterol. Schroeffer GJ Jr, et al. *Proc R Soc Lond [Biol]* 180:125-46, 15 Feb 72 (117 ref.)

## STOMACH (A3)

Detection of malabsorption of vitamin B12 due to gastric or intestinal dysfunction. Herbert V. *Semin Nucl Med* 2:230-34, Jul 72 (41 ref.)

[Preliminary examinations and indication for subsequent late interventions of the operated stomach] Ottenjann R. *Med Klin* 67:475-8, 7 Apr 72 (23 ref.) (Ger) [Outline of gastric physiology] Palasz M. *Wiad Lek* 25:785-8, 1 May 72 (20 ref.) (Eng. Abstr.) (Pol)

## STOMACH NEOPLASMS (C2)

Histogenesis and biologic behavior of gastric carcinoma. Mulligan RM. *Pathol Annu* 7:349-415, 1972 (111 ref.)

## STRABISMUS (C11)

[Diagnosis and therapy of paralytic strabismus resulting from faulty innervation. Electromyographic study] Papat W. *Adv Ophthalmol* 25:104-63, 1972 (129 ref.) (Eng. Abstr.) (Ger)

## STREPTOCOCCAL INFECTIONS (C1)

[Etiology of erythema nodosum] Mygind N. *Ugeskr Laeger* 134:1161-3, 29 May 72 (24 ref.) (Eng. Abstr.) (Dan)

## STRESS (C17)

Cross-adaptations and their significance. Fregly MJ. *Rev Can Biol* 30:223-37, Sep 71 (15 ref.)

## STUTTERING (C10, F2)

Prognostic factors in stuttering. Van Riper C. *J S Afr Logop Soc* 15:7-13, Dec 68 (52 ref.)

## SUBACUTE SCLEROSING

## PANENCEPHALITIS (C1, C10)

Subacute sclerosing panencephalitis: a review. Meulen V ter, et al. *Curr Top Microbiol Immunol* 57:1-38, 1972 (107 ref.)

## SUCCINYLCHOLINE (D5)

Hyperkalemia in anesthesia. Robbins HS, et al. *Pa Med* 75:77-80, Feb 72 (19 ref.)

## SUNLIGHT (G3)

Solar and senile skin: changes caused by aging and habitual exposure to the sun. Jackson R. *Geriatrics* 27:106-12, Aug 72 (20 ref.)

## SURFACE-ACTIVE AGENTS (D13)

The estimation of perinatal pulmonary maturity: a commentary. Kotar R. *J Pediatr* 81:378-83, Aug 72 (42 ref.)

## SURGERY, PLASTIC (E4, G2)

Recent advances in plastic surgery. Jackson IT. *Scott Med J* 17:153-62, Apr 72

[Tolerance to synthetic material in plastic surgery] Lejour M, et al. *Acta Chir Belg* 70:245-83, Mar 71 (182 ref.) (Eng. Abstr.) (Fre)

## SV40 VIRUS (B4)

Recent advances in molecular pathology. The state of the viral genome in cells transformed by simian virus 40: a review. Butel JS, et al. *Exp Mol Pathol* 17:103-19, Aug 72 (59 ref.)

## SWIMMING (E2)

Locomotion: energy cost of swimming, flying, and running. Schmidt-Nielsen K. *Science* 177:222-8, 21 Jul 72 (40 ref.)

## SWINE (B2)

A review of some effects on health and performance of variations in the physical form of the diet of the growing pig. II. Fibrous constituents and water level. Lawrence TL. *Vet Rec* 91:84-8, 22 Jul 72 (60 ref.) [Medico-biological experiments on pigs (review of foreign literature)] Dushkin VA, et al. *Patol Fiziol Eksp Ter* 15:34-6, Sep-Oct 71 (43 ref.) (Rus)

## SWINE DISEASES (C15)

Immunologic approaches to the control of pseudorabies. Gustafson DP, et al. *J Am Vet Med Assoc* 160:823-8, 15 Feb 72 (37 ref.)

## SYMPATHOLYTICS (D5)

[Beta adrenergic drugs in arterial hypertension] Gylysing E. *Union Med Can* 101:1336-41, Jul 72 (47 ref.) (Eng. Abstr.) (Fre)

## SYNAPSES (A8)

[Effect of lithium on synaptic transmission in the central nervous system] Rybakowski J. *Psychiatr Pol* 6:323-5, May-Jun 72 (23 ref.) (Pol)

## SYNOVIAL CYST (C2)

[Popliteal cysts and popliteal lower leg cysts (Baker's cysts)] Reinhardt K. *Radiologie* 12:77-86, Mar 72 (20 ref.) (Ger)

## SYNOVIAL FLUID (A2, A12)

[Value of the study of synovial fluid in rheumatism monoarthritis] Vignon G, et al. *Rhumatologie* 24:18-26, Jan 72 (37 ref.) (Fre)

## TELEMETRY (E1)

Intra-oral radiotelemetry. Mühlmann HR. *Int Dent J* 21:456-65, 4 Dec 71 (66 ref.)

## TEMPERATURE (G3, H)

[Genetics of RNA animal viruses. Temperature-sensitive conditional lethal mutation] Yamaji Y. *Nippon Ika Daigaku Zasshi* 39:8-17, Jan 72 (65 ref.) (Jap)

## TESTICULAR DISEASES (C6)

[Neurogerminal degenerations. Current state of the question] Vague J, et al. *Rev Fr Endocrinol Clin* 12:389-96, Sep-Oct 71 (6 ref.) (Eng. Abstr.) (Fre)

## THIAMINE (D11)

[Role of thiamine in the nervous function] Iwata H, et al. *Folia Pharmacol Jap* 68:1-18, Jan 72 (176 ref.) (Jap)

## THIOPENTAL

### THIOPENTAL (D6)

[Animal experiment studies on the circulatory effect of ketamine and barbiturate in hemorrhagic shock] Patschke D, et al. *Anaesthesist* 21:205-9, May 72 (13 ref.) (Eng. Abstr.) (Ger.)

### THORACIC INJURIES (C14)

[Recent trends in pulmonary surgery. 2. Post-traumatic respiratory insufficiency] Ota M. *Jap J Thorac Surg* 25:11-8, Jan 72 (54 ref.) (Jap)

### THROMBOSIS (C8)

Platelets and thrombogenesis—current concepts. Schnetzer GW 3d. *Am Heart J* 83:552-64, Apr 72

### THYMUS GLAND (A7)

Immunologic abnormalities: roentgen observations. Kirkpatrick JA, et al. *Radiol Clin North Am* 10:245-59, Aug 72 (17 ref.)

### THYROCALCITONIN (D8)

[Calcium metabolism abnormalities and the levels of parathyroid hormone and calcitonin in the blood] Fujita T. *Jap J Clin Med* 30:744-50, Mar 72 (36 ref.) (Jap) [Mechanism of action of parathormone and calcitonin] Fujita T. *Saishin Igaku* 27:877-83, May 72 (72 ref.) (Jap)

### THYROID GLAND (A6)

Immunologic aspects of diabetic angiopathy: does thyroid autoimmunity play an etiologic role in some forms of diabetic vasculitis? Premachandra BN. *Osterr Z Erkrank Bakteriol Krebskr* 8:302-43, Sep 71 (175 ref.)

### THYROID HORMONES (D8)

[Thyroid hormone] Suzuki M. *Saishin Igaku* 27:941-7, May 72 (54 ref.) (Jap)

### THYROTROPIN (D8)

[TSH and LATS] Ochi Y, et al. *Saishin Igaku* 27:853-61, May 72 (104 ref.) (Jap)

### TISSUE PRESERVATION (E5)

[Extracorporeal preservation of the kidney] Kreis H, et al. *J Urol Nephrol (Paris)* 77:877-907, Dec 71 (152 ref.) (Fre)

### TOOTH (A3)

The immunobiology of tooth transplants. Weinreb MM, et al. *Int Dent J* 21:488-500, 4 Dec 71 (76 ref.) The traumatized tooth. Hargreaves JA. *Oral Surg* 34:502-15, Sep 72 (77 ref.)

### TOOTH DISEASES (C4)

Spread of dental infections. Birn H. *Dent Pract Dent Rec* 22:247-56, May 72 (35 ref.)

### TOXICOLOGY (G1, G2)

Toxicology: the respiratory tract. Cassarett LJ. *Annu Rev Pharmacol* 11:425-46, 1971 (155 ref.)

### TOXINS (D12)

Marine toxins. Baslow MH. *Annu Rev Pharmacol* 11:447-54, 1971 (82 ref.)

### TRANQUILIZING AGENTS (D6)

Drug therapy in minimal brain dysfunction: a commentary. Erenberg G. *J Pediatr* 81:359-65, Aug 72 (47 ref.)

### TRANSDUCTION, GENETIC (G1)

[Transduction by bacteriophages] Ozeki H. *Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:84-75, 1972 (46 ref.) (Jap)

### TRANSFORMATION, GENETIC (G1)

[Microbial genetics and staphylococci] Ichikawa Y. *Nippon Ika Daigaku Zasshi* 39:1-7, Jan 72 (50 ref.) (Jap)

### TRANSPLANTATION (E4)

Pathology of organ transplantation in man. Taylor HE. *Pathol Annu* 7:173-99, 1972 (82 ref.)

## MEDICAL REVIEWS

### TRANSPLANTATION IMMUNOLOGY

#### (G1)

The immunobiology of tissue transplantation. Billingham RE. *Int Dent J* 21:478-87, 4 Dec 71 (24 ref.) The immunobiology of tooth transplants. Weinreb MM, et al. *Int Dent J* 21:488-500, 4 Dec 71 (76 ref.) Immunologic enhancement of normal tissue grafts. Feldman JD. *Pathol Annu* 7:19-44, 1972 (172 ref.) Pathology of organ transplantation in man. Taylor HE. *Pathol Annu* 7:173-99, 1972 (82 ref.)

### TRIGLYCERIDES (D11)

Exogenous fatty acids and triglyceride production in rat liver. *Nutr Rev* 30:116-7, May 72 (4 ref.)

### ULTRAVIOLET RAYS (G3, H)

[Study of the living cell by ultraviolet and laser local irradiation] Sakharov VN. *Usp Sovrem Biol* 73:231-49, Mar-Apr 72 (85 ref.) (Rus)

### URINATION DISORDERS (C6)

[Urinary retention] Susset JG. *Union Med Can* 101:1370-6, Jul 72 (16 ref.) (Eng. Abstr.) (Fre)

### UROGRAPHY (E1)

Excretory urography in the first year of life. Dunbar JS, et al. *Radiol Clin North Am* 10:367-91, Aug 72 (92 ref.)

### UTERINE NEOPLASMS (C2)

Endometrial hyperplasias, precursors of endometrial carcinoma. Vellios F. *Pathol Annu* 7:201-29, 1972 (65 ref.)

### UTERUS (A5)

[Prostaglandins and the contractile activity of the uterus (review of the literature)] Persianinov LS, et al. *Akush Ginekol (Mosk)* 47:3-7, Apr 71 (24 ref.) (Rus)

### UVEITIS (C11)

Recent advances in uveitis. Schlaegel TF Jr. *Ann Ophthalmol* 4:825-30 passim, Jul 72 (60 ref.)

### VACCINATION (E2)

[Prevention of viral hepatitis—with special reference to the possibility of development of a vaccine in relation to Australia antigen] Kaji M. *Jap J Clin Med* 30:1159-63, May 72 (9 ref.) (Jap)

### VAS DEFERENS (A5)

[Vasectomy] Hoornbeek WJ. *Ned Tijdschr Geneeskhd* 116:1174-83, 8 Jul 72 (Dut)

### VASOPRESSIN (D7, D8)

[Regulation of antidiuretic hormone (ADH) secretion and its anomaly] Murase T, et al. *Jap J Clin Med* 29:1890-7, Jul 71 (47 ref.) (Jap)

[Vasopressin] Urakabe S, et al. *Saishin Igaku* 27:868-76, May 72 (62 ref.) (Jap)

### VENEREAL DISEASES (C1)

[Prevention of venereal diseases] Luger A. *Z Haut Geschlechtskr* 47:399-414, 1 May 72 (88 ref.) (Ger)

### VENTRICULAR FIBRILLATION (C8)

Treatment of ventricular arrhythmias in ambulatory patients. England RA. *Med Clin North Am* 56:615-34, May 72 (37 ref.)

### VERTEBRATE VIRUSES,

#### UNCLASSIFIED (B4)

On the pathogenesis of transmissible gastroenteritis of swine. Haertman EO. *J Am Vet Med Assoc* 160:534-40, 15 Feb 72 (35 ref.)

### VESTIBULAR APPARATUS (A9)

[Clinico-morphological parallels in different forms of vestibular disorders of peripheral origin] Ollisov VS. *Vestn Otorinolaringol* 33:118-21, Sep-Oct 71 (89 ref.) (Rus)

### VINBLASTINE (D2, D4)

[Vinca alkaloids, a newer group of anti-neoplastic drugs] Hansen I, et al.

*Ugeskr Laeger* 134:1315-21, 19 Jun 72 (71 ref.) (Eng. Abstr.) (Dan)

### VINCRISTINE (D2, D4)

[Vinca alkaloids, a newer group of anti-neoplastic drugs] Hansen I, et al. *Ugeskr Laeger* 134:1315-21, 19 Jun 72 (71 ref.) (Eng. Abstr.) (Dan)

### VIRAL VACCINES (D12)

[Prevention of viral hepatitis—with special reference to the possibility of development of a vaccine in relation to Australia antigen] Kaji M. *Jap J Clin Med* 30:1159-63, May 72 (9 ref.) (Jap)

### VIRUS DISEASES (C1)

[Teratogenic agents in man] Maraud R, et al. *Bord Med* 5:315-33, Feb 72 (23 ref.) (Eng. Abstr.) (Fre) [Viral infections and endocrine diseases] Morrone G. *Pediatria (Napoli)* 60:73-88, 30 Mar 72 (134 ref.) (Ita) [Australia antigen in diseases not involving the liver] Suzuki S. *Jap J Clin Med* 30:1215-9, May 72 (26 ref.) (Jap)

### VITAMIN B 12 (D7, D11)

The pancreas and vitamin B 12 absorption. *Nutr Rev* 30:181-3, Aug 72 (22 ref.) Detection of malabsorption of vitamin B12 due to gastric or intestinal dysfunction. Herbert V. *Semin Nucl Med* 2:230-34, Jul 72 (41 ref.) [Vitamin B 12 and the tumor process (review of the literature)] Ostrianina AD. *Vopr Pitam* 31:25-31, May-Jun 72 (71 ref.) (Rus)

### VITAMIN B 12 DEFICIENCY (C13)

The five possible causes of all nutrient deficiency: illustrated by deficiencies of vitamin B 12 and folic acid. Herbert V. *Aust NZ J Med* 2:88-77, Feb 72 (50 ref.) Excretion of methylmalonic acid by vitamin B 12 deficient rats kept under germfree or conventional conditions. *Nutr Rev* 30:184-8, Aug 72 (10 ref.)

### VITAMIN D (D11)

[Active metabolites of vitamin D] Miravet L, et al. *Cah Med* 13:159-66, Mar 72 (55 ref.) (Fre)

### VITAMINS (D11)

[Artificial and natural antivitamins] Raskin IM. *Klin Med (Mosk)* 50:24-7, Jan 72 (Rus)

### VON WILLEBRAND'S DISEASE (C9)

[Factor VIII (anti-hemophilic A factor). Biology, physiology, pathology and genetics] Meyer D, et al. *Pathol Biol (Paris)* 20:607-23, Jun-Jul 72 (272 ref.) (Eng. Abstr.) (Fre)

### VULVA (A5)

A review of the recent literature on diseases of the vulva. I. General aspects. Ridley CM. *Br J Dermatol* 86:641-7, Jun 72 (100 ref.)

### VULVITIS (C6)

A review of the recent literature on diseases of the vulva. II. Vulvitis: infections. Ridley CM. *Br J Dermatol* 87:58-69, Jul 72 (122 ref.)

### WATER (D1, G3)

[Structure of water and its role in biological systems] Askochenskia NA, et al. *Up Sovrem Biol* 73:388-396, Mar-Apr 72 (124 ref.) (Rus)

### WATER-ELECTROLYTE BALANCE

#### (G1)

Biochemistry of depression (a review of the literature). Allion GA.

*Behav Neurosci Psychiatry* 3:2-5 passim, Dec 71 (47 ref.)

Pulmonary edema. The water-exchanging function of the lung. Fishman AP. *Circulation* 46:390-406, Aug 72 (66 ref.) Regulation of sodium excretion: intra- and extrarenal mechanisms. Mills IH.

*J Clin Endocrinol* 80:235-56, Jul 70 (66 ref.)

[Water-electrolyte metabolic disorders in acute pancreatitis (survey of the literature)] Lashchevskaya VM.

*Patol Fiziol Eksp Ter* 16:88-92, Jan-Feb 72 (117 ref.) (Rus)

## MEDICAL REVIEWS

## WOUNDS AND INJURIES

### WATER MICROBIOLOGY (G1, G3)

Disinfection. Kinman RN, et al.  
J Water Pollut Control Fed 44:972-7, Jun 72 (35 ref.)

### WATER POLLUTION (G3)

Lagoons and oxidation ponds. Boyle WC.  
J Water Pollut Control Fed 44:934-44, Jun 72 (82 ref.)  
Wastewater treatment. Physical and chemical  
methods. Cohen JM, et al.  
J Water Pollut Control Fed 44:915-23, Jun 72 (90 ref.)  
Eutrophication. Foshrenbach J.  
J Water Pollut Control Fed 44:1150-9, Jun 72 (65 ref.)  
Anaerobic processes. Ghosh S.  
J Water Pollut Control Fed 44:949-59, Jun 72 (82 ref.)  
Fermentation industry—pharmaceuticals, corn, sugar.  
Guady AF Jr.  
J Water Pollut Control Fed 44:1044-6, Jun 72 (17 ref.)  
Water reclamation and reuse. Keinath TM.  
J Water Pollut Control Fed 44:961-7, Jun 72 (49 ref.)  
Disinfection. Kinman RN, et al.  
J Water Pollut Control Fed 44:972-7, Jun 72 (35 ref.)  
[Water hygiene and sanitary control of reservoirs in  
relation to urbanization] Bukhtiarov AP.  
Gig Sanit 37:96-8, Feb 72 (16 ref.) (Rus)

### WOUNDS AND INJURIES (C14)

Hyperkalemia in anesthesia. Robbins HS, et al.  
Pa Med 75:77-80, Feb 72 (19 ref.)



# bibliography of medical reviews

## Author Section

### A

- Abe T see Suzuki M  
Akraham FD, Faika J, Peeke HV, et al: Model neural systems and strategies for the neurobiology of learning. *Behav Biol* 7:1-24, Feb 72 (77 ref.)  
Acosta JM, Rubio Galli OA: Inmunopatología del páncreas. *Transl Med Argent* 59:491-6, 26 Apr 72 (52 ref.) (Spa)  
Adachi M see Volk BW  
Adamson RH, Guarino AM: The effect of foreign compounds on elasmobranchs and the effect of elasmobranchs on foreign compounds. *Comp Biochem Physiol [A]* 42:171-82, 1 May 72 (35 ref.)  
Allison GA: Biochemistry of depression (a review of the literature). *Behav Neuropsychiatry* 2:2-5 *passim*, Dec 71 (47 ref.)  
Alcock NW: Calcification of cartilage. *Clin Orthop* 86:287-311, Jul-Aug 72 (139 ref.)  
Aldrich-Blake PP see Goss-Custard JD  
Aleksko Z: Miejsce choreoterapii w rehabilitacji psychomotorycznej młodzieży nervicowej. *Psychiatr Pol* 6:345-8, May-Jun 72 (12 ref.) (Pol)  
Alexander RW, James RB: Melkersson-Rosenthal syndrome: review of literature and report of case. *J Oral Surg* 30:599-604, Aug 72 (52 ref.)  
Allain JP, Lapeyre Meyer D  
Altweis C: Control system diagrams in physiology, biology and medicine. *Int J Med Sci* 7:Suppl:1-84, 1971 (67 ref.)  
Almeida J see Levantini A  
Amherdt M see Renold AE  
Angiostenoposis Ch: Prabhakar MJ, Kittle CF: Aortic dissections and dissecting aneurysms. *Am J Cardiol* 30:263-73, Aug 72 (109 ref.)  
Anders TF, Weinstein P: Sleep and its disorders in infants and children: a review. *Pediatrics* 50:312-24, Aug 72 (84 ref.)  
Andreeva EI, Purina GO: Ob iopol'zovani metodiki issledovaniya polovogo khromatina (obzor literatury). *Vopr Okhr Materi Dets* 16:43-9, Aug 71 (41 ref.) (Rus)  
Ansai T see Sakamoto S  
Arakawa K: Action mechanism of agnionotensin. *Saitosh Igaku* 27:911-5, May 72 (38 ref.) (Jap)  
Armata J: Skojarzona chemioterapia w rozszerzonej ziarancji zlodziejowej. *Pol Tyg Lek* 27:927-9, 12 Jul 72 (16 ref.) (Pol)  
Arnaiz Abella J: Aspectos farmacológicos de las collagenopatías. *An Esp Odontostomatol* 31:249-72, Jul-Aug 72 (Spa)  
Askechinskaja NA, Fetisova NS: Struktura vody i ee rol' v biologicheskikh sistemakh. *Usp Sovrem Biol* 73:288-304, Mar-Apr 72 (124 ref.) (Rus)  
Au WY, Rales LG: Drugs toxic to bone. *Semin Drug Treat* 2:137-46, Summer 72 (39 ref.)  
Aufranc OE see Herndon JH  
Austen KE see Ruddy S  
Axar HA: Plasma cell myelomatosis and other monoclonal gammopathies. *Pathol Annu* 7:1-17, 1972 (54 ref.)  
Ayananagi T: [Collagen disease and SLE] *Jap J Clin Med* 30:413-5, Jan 72 (19 ref.) (Jap)

### B

- Baer RH: Diabetogenous peripheral microangiopathy. *J Am Podiatr Assoc* 62:169-76, May 72 (65 ref.)  
Bala MR see Beck JC  
Balcar-Boró A: O niektórych przyczynach kamicy nerkowej u dzieci. *Wiad Lek* 25:1043-8, 15 Jul 72 (20 ref.) (Pol)  
Ballard FJ: Supply and utilization of acetate in mammals. *Am J Clin Nutr* 25:773-9, Aug 72 (48 ref.)  
Baluda VF, Sushkevich GN: Rol' trombotolitov v gemitozate i podderzhani rezistentnosti stenki sosedov v norme i pri patologii. *Probl Gematol Pereliv Krvi* 16:28-37, May 71 (210 ref.) (Rus)  
Bar TA: Nicotinic acid and psychiatry. *Can Psychiatr Assoc J* 16:413-31, Oct 71 (95 ref.)

- Barzel VA, Matveev BP: O gormonal'noi terapii raka pchki. *Vopr Onkol* 18:97-102, 1972 (47 ref.) (Rus)  
Basilow MH: Marine toxins. *Annu Rev Pharmacol* 11:447-54, 1971 (82 ref.)  
Bane AE, Blakemore WS: The pericardium. *Ann Thorac Surg* 14:81-106, Jul 72 (67 ref.)  
Baxi AJ see Ektare AM  
Beck JC, Bala MR, Ferguson KA, et al: Growth hormone. Control of release and characteristics in plasma. *Trans Am Clin Climatol Assoc* 83:18-44, 1972 (138 ref.)  
Belokartsev FF, Khmelslavskij Iam: Mekhanizm deistviya myshchennych relaksantov. *Ekip Khir Anestesiol* 17:85-8, Mar-Apr 72 (321 ref.) (Rus)  
Bennett AH see Harrison JH  
Bentwich T, Bentwich Z: [Obesity-background and treatment] *Bentwich* 82:324-9, 2 Apr 72 (48 ref.) (Heb)  
Bentwich Z see Bentwich T  
Berant M: [Intravenous feeding in infants] *Bentwich* 82:332-3, 2 Apr 72 (23 ref.) (Heb)  
Berger R: Nouvelles techniques d'étude des chromosomes. *Pathol Biol (Paris)* 20:413-24, Apr 72 (138 ref.) (Fre)  
Berman FM, Kraizer JB: Current knowledge of diverticular disease of the colon. *Am J Dig Dis* 17:741-59, Aug 72 (90 ref.)  
Bersohn VA: Radiochuvstvitelnost' v usloviyah gipotermii. *Med Radiol (Mosk)* 16:80-90, Oct 71 (73 ref.) (Rus)  
Bertoni M, Knippling EF: Gypsy moth control with the sex attractant pheromone. *Science* 177:19-27, 7 Jul 72 (38 ref.)  
Biczysko R see Michalkiewicz W  
Bielecka A see Witwicka E  
Billingham RE: The immunobiology of tissue transplantation. *Int Dent J* 21:478-87, 4 Dec 71 (24 ref.)  
Birch HG: Malnutrition, learning, and intelligence. *Am J Public Health* 63:773-84, Jun 72 (97 ref.)  
Bird H: Spread of dental infections. *Dent Pract Dent Rec* 22:347-56, May 72 (35 ref.)  
Blakemore WS see Bane AE  
Bockowski K: Nowoczesna koncepcja genu. *Ginekol Pol* 43:625-7, May 72 (6 ref.) (Pol)  
Bockowski K: Męskie i żeńskie rozwijanie gonad. *Pol Tyg Lek* 27:924-7, 12 Jul 72 (26 ref.) (Pol)  
Boyle WC: Lagoons and oxidation ponds. *J Water Pollut Control Fed* 44:934-44, Jun 72 (82 ref.)  
Brady RO: Biochemical and metabolic studies of familial sphingolipidoses. *Semin Hematol* 9:273-84, Jul 72 (53 ref.)  
Brandt KH: The bilirubin story. *Folia Med Nostril* 15:167-76, 1972 (75 ref.)  
Brasel JA, Winick M: Maternal nutrition and prenatal growth. Experimental studies of effects of maternal undernutrition on fetal and placental growth. *Arch Dis Child* 47:479-85, Aug 72 (28 ref.)  
Braunwald E see Higgins CB  
Bredinova V see Oswald I  
Brickman AB see Coburn JW  
Britt BA: Zur Behandlung der malignen Hyperthermie. *Anaesthesist* 21:201-5, May 72 (71 ref.) (Ger)  
Britt LG see Schapiro H  
Brown EB Jr: Drugs and respiratory control. *Annu Rev Pharmacol* 11:271-84, 1971 (207 ref.)  
Bugalà E: Wartość lecznicza preparatu ciomid w cyklach bezowulacyjnych. *Ginekol Pol* 43:739-44, 1972 (38 ref.) (Pol)  
Bukhtojarov AP: Voprosy gигиены vody i sanitarnoi okhrany vodosnem v sviazi s urbanizatsiei. *Gig Sanit* 37:34-8, Feb 72 (16 ref.) (Rus)  
Burchenal JH see Young CW  
Butel JS, Melnick JL: Recent advances in molecular pathology. The state of the viral genome in cells transformed by simian virus 40: a review. *Exp Mol Pathol* 17:103-19, Aug 72 (59 ref.)  
Cameron DP see Renold AE  
Capitanio MA see Kirkpatrick JA  
Carlo PE: Nutritional therapy in surgery and trauma.
- Dadić O, Rejthar L: Fizikalne vlastnosti sputa. (Pfehlendý referát.)  
Vnitř Lek 18:502-7, Jun 72 (31 ref.) (Cze)  
Dalton H, Mortenson LE: Dinitrogen (N<sub>2</sub>) fixation (with a biochemical emphasis). *Bacteriol Rev* 36:231-60, Jun 72 (210 ref.)  
Datskovskij BM see Zaks AB  
Davydova ON, Kadrija AN: Antagonisty dietylamilida lizergicznego kisлотy (obzor literatury). *Farmakol Toksikol* 34:829-32, Sep-Oct 71 (15 ref.) (Rus)  
Decarli LM see Lieber CB  
Deichmann WB: The debate on DDT. *Arch Toxikol* 29:1-27, 1972 (27 ref.)  
Despresse G, Sternau J: Conceptions actuelles de l'immunopathologie du foie.

## MEDICAL REVIEWS

- Acta Gastroenterol Belg** 34:436-39, Apr-May 71 (71 ref.) (Fre)
- Debmari A:** Epilepsia: bases farmacológicas de su tratamiento. *Prems Med Argent* 59:634-44, 26 May 72 (21 ref.) (Spa)
- Disterich F** see **Gottschalk E**
- Di Rosa M:** Biological properties of carraoceanin. *J Pharm Pharmacol* 24:89-102, Feb 72 (104 ref.)
- Dicks F, Glaser D:** Neurohormonale Grundlagen der Fertilität und Fertilitätshemmung. *Z Aerztl Fortbild (Jena)* 64:334-94, 15 Apr 72 (Ger)
- Dormidonov EN:** Nekotorye voprosy patogenesa infektsionnoe neopatologicheskogo poliaritza. *Vopr Revm* 12:85-75, Jan-Mar 72 (138 ref.) (Rus)
- Dorn CR:** Comparative oncology: dogs, cats, and man. *Perspect Biol Med* 15:507-18, Summer 72 (71 ref.)
- Dray L** see **Meyer D**
- Dubach UC** see **Kaanlahti J**
- Dubinin NP:** Rasovyj vopros i sovremenaja genetika. *Usp Sovrem Biol* 73:209-30, Mar-Apr 72 (100 ref.) (Rus)
- Dufresne JH** see **Robbins HS**
- Dunbar JS, Nogrady B:** Excretory urography in the first year of life. *Radiol Clin North Am* 10:367-91, Aug 72 (92 ref.)
- Dunbar RI** see **Goss-Custard JD**
- Dunleavy AM** see **Oswald I**
- Dunn JE, Wyburn GM:** The anatomy of the blood brain barrier: a review. *Scott Med J* 17:1-36, Jan 72 (30 ref.)
- Dushkin VA, Gorbanova NA:** Mediko-biologicheskie eksperimenta na svin'jakh (obzor inostrannoj literatury). *Patol Fiziol Eksp Ter* 15:34-6, Sep-Oct 71 (43 ref.) (Rus)
- Dykes MH, Gilbert JP, Scharr PH, et al:** Halothane and the liver: a review of the epidemiologic, immunologic and metabolic aspects of the relationship. *Can J Surg* 15:217-38, Jul 72 (69 ref.)
- E**
- Eraz H:** Pesticides and toxic chemicals. *Proc Nutr Soc* 31:23-32, May 72 (41 ref.)
- Kiesel JH:** The use of nerve blocks for studying cardiopulmonary physiology in man. *Br J Anaesth* 44:608-10, Jun 72 (23 ref.)
- Ektare AM, Basu AJ:** Glucose-6-phosphate dehydrogenase deficiency—a genetic disorder of red cell metabolism. *J Postgrad Med* 18:51-67, Apr 72 (58 ref.)
- Elliott R:** The significance of heart rate for behavior: a critique of Lacey's hypothesis. *J Pers Soc Psychol* 23:398-409, Jun 72 (46 ref.)
- Eltahir E** see **Gottschalk E**
- Emrich D:** Tumordiagnostik mit radioaktiven Substanzen: Prinzipien, Möglichkeiten und Grenzen. *Dtsch Med Wochenschr* 97:1258-62, 25 Aug 72 (35 ref.) (Ger)
- Endo Y:** [Future problems in the research of -fetoprotein]. *Jap J Clin Med* 30:1209-14, May 72 (30 ref.) (Jap)
- Eagh CA, Schofield BH:** A review of the central response to peripheral nerve injury and its significance in nerve regeneration. *J Neurosurg* 37:195-203, Aug 72 (61 ref.)
- England RA:** Treatment of ventricular arrhythmias in ambulatory patients. *Med Clin North Am* 56:815-24, May 72 (37 ref.)
- Egest R:** Zum Metabolismus ausgewählter Pflanzenschutz- und Schädlingsbekämpfungsmittel. *Nahrung* 15:815-25, 1971 (32 ref.) (Ger)
- Entwistle NJ:** Personality and academic attainment. *Br J Educ Psychol* 42:137-51, Jun 72 (83 ref.)
- Esoawaqniq NE:** Dietary sugars and intestinal enzymes. *J Am Diet Assoc* 60:433-6, Jun 72 (24 ref.)
- Erdmann W, Frey R, Partenheimer E, et al:** Ketamine als Prämidikations- und Einleitungsanaesthetikum, Erfahrungen bei Hals-Nasen-Ohrärztlichen Eingriffen an Kindern. *Anaesthesia* 21:209-12, May 72 (5 ref.) (Ger)
- Krebsner G:** Drug therapy in minimal brain dysfunction: a commentary. *J Pediatr* 81:359-65, Aug 72 (47 ref.)
- Ernst K:** Katastrophen von Kinderneurosen. *Acta Paedopsychiatr (Basel)* 36:316-24, 1972 (44 ref.) (Ger)
- Evans R:** Current concepts of immediate (reaginic) hypersensitivity. *Med Ann DC* 41:427-30, Jul 72 (30 ref.)
- Evans R** see **Pence HL**
- Exton-Smith AN:** Physiological aspects of aging: relationship to nutrition. *Am J Clin Nutr* 25:833-9, Aug 72 (49 ref.)
- F**
- Faber HA** see **Kizman RN**
- Fanta D** see **Söder-Söder J**
- Farber E:** Biochemical pathology. *Annu Rev Pharmacol* 11:71-96, 1971 (200 ref.)
- Feldman JD:** Immunologic enhancement of normal tissue grafts. *Pathol Annu* 7:19-44, 1972 (172 ref.)
- Ferguson KA** see **Beck JC**
- Fiedler H** see **Orosz L**
- Fiedorczak Z, Pejka W:** Hipermagnesemia. *Wiad Lek* 25:1073-6, 15 Jul 72 (Pol)
- Fine G** see **Morales AR**
- Finland M:** Adventures with antibacterial drugs. *Clin Pharmacol Ther* 13:469-511, Jul-Aug 72 (122 ref.)
- Fischer W:** Bakteriurie und ihre Folgen in der Geburtshilfe. *Z Aerztl Fortbild (Jena)* 65:895-9, 1 Sep 71 (47 ref.) (Ger)
- Fishman AP:** Pulmonary edema. The water-exchanging function of the lung. *Circulation* 46:390-406, Aug 72 (68 ref.)
- Focke-Bach J:** Eutrophication.
- J Water Pollut Control Fed** 44:1150-9, Jun 72 (85 ref.)
- Fournier A, Lagrange G:** Nephrotoxicité des diurétiques. *Eur J Toxicol* 4:285-90, Aug 71 (90 ref.) (Fre)
- Frame B** see **Parfitt AM**
- Franki SN:** Pulp therapy in pedodontics. *Oral Surg* 34:293-309, Aug 72 (131 ref.)
- Frankstetka SI, Ivanova EB, Serjeva ZN:** Oshchushchenie nedostatochnosti dykhaniya. *Patol Fiziol Eksp Ter* 16:3-10, Jan-Feb 72 (45 ref.) (Rus)
- Fregly MJ:** Cross-adaptations and their significance. *Rev Can Biol* 30:223-37, Sep 71 (15 ref.)
- Freakel JK:** Infection and immunity in hamsters. *Prog Exp Tumor Res* 16:326-67, 1972 (158 ref.)
- Friedman E** see **Erdmann W**
- Friedman H:** Aspects psychosomatiques de la polyarthrite chronique évolutive (PCE) ou polyarthrite rhumatoïde: revue de la littérature. *Acta Psychiatr Belg* 72:117-41, Jan 72 (70 ref.) (Fre)
- Friedrich F** see **Pavelka R**
- Fujii S, Okuda H:** Problems in cyclic AMP theory. *Saishin Igaku* 27:978-83, May 72 (28 ref.) (Jap)
- Fujisawa H** see **Matsuo H**
- Fujita K:** [Detection of Australia antigen and anti-Australia antibody—explanation of the technique and associated problems]. *Jap J Clin Med* 30:1123-30, May 72 (26 ref.) (Jap)
- Fujita T:** [Mechanism of action of parathormone and calcitonin]. *Saishin Igaku* 27:877-82, May 72 (72 ref.) (Jap)
- Fukuchi S** see **Takeuchi T**
- Furmankuch AV** see **Murav'ev GN**
- Galindo A:** The role of prejunctional effects in myoneural transmission. *Anesthesiology* 36:598-606, Jun 72 (106 ref.)
- Gallager HS:** The pathologist and modern breast cancer management. *Pathol Annu* 7:231-50, 1972 (42 ref.)
- Garnier PM, Job JC:** [Hypothalamic luteotropic hormone releasing factor (LH-RH)]. *Nouv Presse Med* 1:1639-42, 10 Jun 72 (49 ref.)
- Gavrilov AP** see **Lakin KM**
- Geman J:** Genes which increase chromosomal instability in somatic cells and predispose to cancer. *Prog Med Genet* 8:61-101, 1972 (129 ref.)
- Gerson CD, Cohen N:** The absorption of folic acid in man: recent progress. *Mit Sinal J Med NY* 39:343-51, Jul-Aug 72 (37 ref.)
- Gertz EW:** Cardiomycotic hamster: a possible model of human disease. *Prog Exp Tumor Res* 16:242-60, 1972 (35 ref.)
- Gibson S:** Anaerobic processes. *J Water Pollut Control Fed* 44:948-59, Jun 72 (82 ref.)
- Gigli I** see **Ruddy S**
- Gilbert H** see **Dykes MH**
- Gilboa I:** The etiology and treatment of myxedema coma. *Harefuot* 82:418-20, 1 May 72 (16 ref.) (Heb)
- Gill GM** see **Rosenoer VM**
- Gill WM Jr** see **Miale A Jr**
- Glaser D** see **Döcke F**
- Goldsmit RB:** Treatment of osteoporosis with phosphate. *Semin Drug Treat* 2:35-7, Summer 72 (13 ref.)
- Goldstein BH, Scimbiha JJ, Laskin DM:** Actinomycosis of the maxilla: review of literature and report of case. *J Oral Surg* 30:363-6, May 72 (33 ref.)
- Good RA:** Relations between immunity and malignancy. *Proc Natl Acad Sci USA* 69:1026-32, Apr 72 (95 ref.)
- Goodwin JW, Oakley CM:** The cardiomopathies. *Br Heart J* 34:545-52, Jun 72 (55 ref.)
- Gorbanova NA** see **Dushkin VA**
- Goss-Custard JD, Dunbar RI, Aldrich-Blake PP:** Survival, mating and rearing strategies in the evolution of primate social structure. *Folia Primatol (Basel)* 17:1-19, 1972 (42 ref.)
- Gottfried EL:** Lipid patterns of leukemias in health and disease. *Senit Hematol* 9:341-50, Jul 72 (72 ref.)
- Gottschalk E, Disterich F, Eltahir E:** Kryochirurgie. I. Vorteile und Eigenschaften extremer Kälte als therapeutische Effekte. *Z Aerztl Fortbild (Jena)* 65:945-7, 15 Sep 71 (19 ref.) (Ger)
- Graham CB:** Assessment of bone maturation—methods and pitfalls. *Radiol Clin North Am* 10:185-202, Aug 72 (37 ref.)
- Grasso P, Crampton RF:** The value of the mouse in carcinogenicity testing. *Food Cosmet Toxicol* 10:418-24, Jun 72
- Gregory GA:** Respiratory care of newborn infants. *Pediatr Clin North Am* 19:311-34, May 72 (34 ref.)
- Griffith WO Jr** see **Hagihara FF**
- Gruison M** see **Miravet L**
- Gudy AF Jr:** Fermentation industry—pharmaceuticals, corn, sugar. *J Water Pollut Control Fed* 44:1044-6, Jun 72 (17 ref.)
- Guariso AM** see **Adams RH**
- Guibaud P:** L'acidémie propionique. Nouveau concept de l'hypertycinnémie avec cétose. *Pédiatrie* 27:217-20, Mar 72 (10 ref.) (Fre)
- Günther O:** Immunologie heute. *Allerg Immunol (Leipz)* 17:167-82, 1971 (81 ref.) (Ger)
- Gustafsson DP, Kanitz CL, Mitchell MV:** Immunologic approaches to the control of pseudorabies. *J Am Vet Med Assoc* 160:623-8, 15 Feb 72 (37 ref.)
- Gysling E:** Les bêta-adrénergolytiques dans l'hypertension artérielle. *Union Med Can* 101:1336-41, Jul 72 (47 ref.) (Fre)
- Habek D:** Beziehungen des Gesamteiweiß-Gehaltes im Liquor cerebrospinalis zu allgemeinen Eiweißgrößen. *Psychiatr Neurol Med Psychol (Leipz)* 24:241-55, May 72 (38 ref.) (Ger)
- Hachiya T** see **Ochi Y**
- Haeferman EO:** On the pathogenesis of transmissible gastroenteritis of swine. *J Am Vet Med Assoc* 160:534-40, 15 Feb 72 (35 ref.)
- Haesel H:** Znachenie kishechnoi mikroflory dla shbalisirovaniia pitaniia cheloveka.
- Vopr Pitani 31:7-12, Jan-Feb 72 (19 ref.) (Rus)**
- Hagihara FF, Griffen WO Jr:** Physiology of the colon and rectum. *Surg Clin North Am* 52:797-805, Aug 72 (29 ref.)
- Halberg F** see **Reinberg A**
- Hamada J, Koyama M, Otsubo K, et al:** [Malformations of the central nervous system—hydrocephalus, encephalocele, microcephalus, etc.]
- Jap J Clin Med** 30:139-43, Jan 72 (26 ref.) (Jap)
- Handa H, Handa J, Koyama M:** [Brain tumors] *Jap J Clin Med* 30:451-6, Jan 72 (40 ref.) (Jap)
- Handa J** see **Handa H**
- Hansen I, Nissen NI:** Vinca-alkaloide, en nyere gruppere antineoplastiske stoffer.
- Ugeskr Laeger** 134:1315-21, 19 Jun 72 (71 ref.) (Dan)
- Hargreaves JA:** The traumatized tooth. *Oral Surg* 34:502-15, Sep 72 (77 ref.)
- Harold FM:** Conservation and transformation of energy by bacterial membranes. *Bacteriol Rev* 36:172-230, Jun 72 (403 ref.)
- Harrison JH, Jenkins D, Bennett AH:** Hyperplasia and tumors of the adrenal cortex. *Urol Int* 27:81-117, 1972
- Hauschild H, Krause W:** Die Spätgesterone.
- Z Aerztl Fortbild (Jena)** 66:300-6, 15 Apr 72 (36 ref.) (Ger)
- Heaney R** see **Saville PD**
- Heinrichs HJ** see **Köttler J**
- Henderson JW** see **Crawhall JC**
- Hendrix TR:** Studies on the pathogenesis of cholera. *Trans Am Clin Climatol Assoc* 83:63-70, 1972 (23 ref.)
- Heintz SW** see **McCoy EE**
- Herbert V:** The five possible causes of all nutrient deficiency: illustrated by deficiencies of vitamin B<sub>12</sub> and folic acid. *Aust NZ J Med* 2:69-77, Feb 72 (50 ref.)
- Herbert V:** Detection of malabsorption of vitamin B<sub>12</sub> due to gastric or intestinal dysfunction. *Semin Nucl Med* 2:222-34, Jul 72 (41 ref.)
- Herodas JH, Afrashe OH:** Avascular necrosis of the femoral head in the adult. A review of its incidence in a variety of conditions. *Clin Orthop* 86:43-62, Jul-Aug 72 (114 ref.)
- Herrington JL Jr:** Current operations for duodenal ulcer. *Curr Probl Surg* 1-81, Jul 72 (275 ref.)
- Herrod EM:** Survey of histologic types of primary lung cancer in U.S. veterans. *Pathol Annu* 7:45-79, 1972 (46 ref.)
- Hersen M:** Nightmare behavior: a review. *Psychol Bull* 78:37-48, Jul 72 (49 ref.)
- Hersh EM:** Immunosuppression by L-asparaginase and related enzymes. *Transplantation* 12:388-76, Nov 71 (96 ref.)
- Higgins GS, Brauswald E:** The prostaglandins. Biochemical, physiologic and clinical considerations. *Am J Med* 60:112-113, Jul 72 (263 ref.)
- Hills AG:** Acid-base balance. *Trans Am Clin Climatol Assoc* 63:186-97, 1972 (29 ref.)
- Himms-Hagen J:** Lipid metabolism during cold-exposure and during cold-acclimation. *Lipids* 7:310-23, May 72 (138 ref.)
- Hirai H** see **Nishi S**
- Hirota Y** see **Ishikashi M**
- Ho BT:** Monoamine oxidase inhibitors.
- J Pharm Sci* 61:521-37, Jun 72 (212 ref.)
- Hoagland HC** see **Cooper HA**
- Hoki A:** [Outlook for cryosurgery.] *Otolaryngology (Tokyo)* 44:307-30, May 72 (63 ref.) (Jap)
- Holzknecht F:** Antikongunktions-Langzeittherapie. *Wien Med Wochenschr* 122:327-34, 3 Jun 72 (29 ref.) (Ger)
- Honneker WJ:** De vasectomie.
- Ned Tijdschr Geneeskd* 116:1174-83, 8 Jul 72 (Dut)
- Hopkins DJ** see **Willatts GS**
- Horiuchi T:** [Isolation of catabolite repressive and cyclic AMP mutants]
- Protein Nucleic Acid Enzyme (Tokyo)** 17:Suppl:204-8, 1972 (41 ref.) (Jap)
- Horiuchi T:** [Isolation of mutants with abnormal lambda-repressors, operators and promoters]
- Protein Nucleic Acid Enzyme (Tokyo)** 17:Suppl:274-86, 1972 (97 ref.) (Jap)
- Horiuchi T, Oshima Y:** [Isolation of mutant strains having abnormal repressors of the lactose catabolizing operon]
- Protein Nucleic Acid Enzyme (Tokyo)** 17:Suppl:154-60, 1972 (43 ref.) (Jap)
- Horn RC Jr** see **Morales AR**
- Hunter JA:** Electron microscopy: a functional approach. *Br J Dermatol* 87:53-7, Jul 72 (40 ref.)
- Hussar DA:** New drugs of 1971. *Am J Pharm* 144:4-22, Jan-Feb 22
- I**
- Ichida F, Yada M, Seki T:** [Hepatitis, Australia antigen and Australia antibody—analysis of Australia antigen, levels of Australia antibody and localization of Australia antigen in the hepatic tissue in acute hepatitis]
- Jap J Clin Med* 30:1147-53, May 72 (33 ref.) (Jap)
- Ichikawa Y:** [Microbial genetics and staphylococci]
- Nippon Ika Daigaku Zasshi* 30:1-7, Jan 72 (50 ref.) (Jap)
- Igarashi K, Yura T:** [RNA polymerase mutants of bacterial]
- Protein Nucleic Acid Enzyme (Tokyo)** 17:Suppl:127-33, 1972 (47 ref.) (Jap)
- Ignatova MS, Larshik EG:** Autoimmunity mechanism v razvitiu nefropati (obzor literatury).
- Vopr Okhr Matern Det* 16:49-53, Aug 71 (54 ref.) (Rus)
- Il'inski AF, Kogan IJ:** Profilaktika zagraničnimi produkty pitaniia kantaerogenennymi vashchestvami.
- Vopr Onkol* 18:106-10, 1972 (83 ref.) (Rus)
- Imura H, Matsukura S, Sakamoto N:** [Mechanism of action of ACTH]. *Saishin Igaku* 27:847-52, May 72 (31 ref.) (Jap)

## MEDICAL REVIEWS

- Inoue A see Iwata H  
 Isaacs RL: Hippocampal destruction in man and other animals. *Neurophysiology* 10:47-64, Apr 72 (82 ref.) (Ger)  
 Ishikawa M, Hirota Y, Nishimura Y: [Experimental methods of bacterial conjugation] *Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:44-63, 1972 (42 ref.) (Jap)  
 Ishida M: [Australia antigen and hepatitis viruses] *Jpn J Clin Med* 30:1108-16, May 72 (9 ref.) (Jap)  
 Ishikawa A: [Transcription of genetic information. I. Mechanism of genetic transcription—the molecular process of RNA SYNTHESIS] *Jpn J Clin Med* 30:1964-72, Aug 71 (27 ref.) (Jap)  
 Ivanova ES see Frankhter SI  
 Iwata H, Inoue A: [Role of thiamine in the nervous function] *Folia Pharmacol Jap* 68:1-18, Jan 73 (178 ref.) (Jap)
- J**
- Jackson TT: Recent advances in plastic surgery. *Scott Med J* 17:183-82, Apr 72 (74 ref.) (Ger)  
 Jackson R: Solar and senile skin: changes caused by aging and habitual exposure to the sun. *Geriatrik* 27:104-12, Aug 72 (20 ref.) (Jap)  
 James RB see Alexander RW  
 Janicki J, Sambotko E, Chelkowski J, et al: Aflatoxine in Lebensmittel. *Nahrung* 16:25-38, 1972 (74 ref.) (Ger)  
 Janusz W: Współczesne poglądy na rolę adenylo cykliazy i cyklienazy 3'-5'-AMP w sercu. *Pol Arch Med Wewn* 48:613-9, 1972 (79 ref.) (Pol)  
 Jenkins D see Barrison JH  
 Job JC see Garnier PE  
 Johnson FB: Crystals in pathologic specimens. *Pathol Annu* 7:321-44, 1972 (23 ref.) (Jap)  
 Jowsey J see Riggs BL
- K**
- Kahn AJ: Development, aging, and life duration: effects of nutrient restriction. *Am J Clin Nutr* 25:822-8, Aug 72 (51 ref.)  
 Kaindl F, Kohn P: Pathogenese und Therapie der Kardialen Odem. *Wien Z Inn Med* 53:121-3 passim, 1972 (103 ref.) (Ger)  
 Kajii M: [Prevention of viral hepatitis—with special reference to the possibility of development of a vaccine in relation to Australia antigen] *Jpn J Clin Med* 30:1159-63, May 72 (9 ref.) (Jap)  
 Kaneko T: Action mechanism of releasing factors. *Saihin Igaku* 27:841-6, May 72 (32 ref.) (Jap)  
 Kanits CL see Gustafson DP  
 Kasatkina LV see Miasnikov LA  
 Katsukawa I see Takeuchi T  
 Katz M see Meulen V ter  
 Kawasaki K see Yonemura D  
 Kawashima T, Numata M: [Estrogen-receptors—a second messenger?] *Saihin Igaku* 27:333-40, May 72 (49 ref.) (Jap)  
 Keinath TM: Water reclamation and reuse. *J Water Pollut Control Fed* 44:961-7, Jun 72 (49 ref.) (Ger)  
 Keir MI, Champion RH: Übersicht über die britische dermatologische Literatur von 1968-1970. *Hautarzt* 23:149-54, Apr 72 (112 ref.) (Ger)  
 Kelley WN see Crawhall JC  
 Kern E: Pathophysiologie des mechanischen Darmverschlusses. *Wien Klin Wochenschr* 84:437-42, 7 Jul 72 (21 ref.) (Ger)  
 Khmelevskii IaM see Belojarcev PP  
 Khokholova MP: Voprosy étiologii, épidemiologii i patologii lefkozov. *Arkh Patol* 34:3-14, 1972 (133 ref.) (Rus)  
 Khodkarian OA: Bokovoy amiotroficheskii skleroz. *Klin Med (Mosk)* 50:11-4, May 72 (25 ref.) (Rus)  
 Khotskev GZ see Rivkin VL  
 Kimura E: [Recent trends in studies of the functions of visual pigments and visual cells] *J Physiol Soc Jap* 34:33-70, Feb 72 (159 ref.) (Jap)  
 Kianian RN, Faber HA: Disinfection. *J Water Pollut Control Fed* 44:972-7, Jun 72 (38 ref.) (Ger)  
 Kirkman H: Hormone-related tumors in Syrian hamsters. *Prog Exp Tumor Res* 16:201-40, 1972 (127 ref.) (Ger)  
 Kirkpatrick JA, Capitano MA, Marcondes Pereira R: Immunologic abnormalities: roentgen observations. *Radiol Clin North Am* 10:245-59, Aug 72 (17 ref.) (Jap)  
 Kirseher JB see Hermaz FM  
 Kittie CF see Aangnostopoulos CE  
 Kloss L: Etude critique des théories pathogéniques de la carie dentaire. *Acta Stomatol Belg* 69:17-48, 1972 (Fre)  
 Klippling EF see Berzon M  
 Koch E, Linde K, Steinmer A, et al: Immunologische Probleme der oralen Enterovacteriaceae-immunisierung. *Z Gesamte Inn Med* 27:237-41, 15 Mar 72 (62 ref.) (Ger)  
 Kogan INL see Hiltzik AP  
 Kohl F see Kaindl F  
 Keltia Y, Stemberg J, Lemke PA: Genetic structure and evolution of the incompatibility factors in higher fungi. *Bacteriol Rev* 38:156-71, Jun 72 (92 ref.) (Jap)  
 Koso T: [Hormone receptors of the liver and fat cells] *Saihin Igaku* 27:941-6, May 72 (59 ref.) (Jap)  
 Kosaka K see Okubo H  
 Kistler J, Krause J, Heitjans HJ, et al: Probleme der chirurgischen Behandlung des Melanoytoblastom der Haut. *Zentralbl Chir* 97:601-8, 13 May 72 (14 ref.) (Ger)  
 Kotas RV: The estimation of perinatal pulmonary maturity: a commentary. *J Pediatr* 81:378-83, Aug 72 (42 ref.) (Jap)  
 Koyama M see Hanada J  
 Koyama M see Hanada H  
 Krause W see Hauschild R  
 Krause J see Kistler J  
 Kreis H, Lacombe M, Ciancioli C, et al: La conservation extracorporelle du rein.
- Kudrin AN see Davydova ON  
 Kugelman UJ see Cohen JM  
 Kuschinsky K: Neuere Anschauungen über den Wirkungsmechanismus morphinartig wirkender Analgetika in Zentralnervensystem unter biochemischen Aspekten. *Klin Woehnschr* 50:401-6, 15 Apr 72 (99 ref.) (Ger)  
 Kuster GG, Rixos A: Assistance hépatique dans le traitement de l'insuffisance hépatique aigüe. *Union Med Can* 101:1333-5, Jul 72 (59 ref.) (Fre)  
 Kusuya T: [Action of insulin on cell membrane] *Saihin Igaku* 27:883-90, May 72 (27 ref.) (Jap)
- Lacobme M see Krein H  
 Lagrange G see Fournier A  
 Lake BD: The histochemical evaluation of the glycogen storage diseases. A review of techniques and their limitations. *Histochemistry* 2:441-50, Sep 70 (37 ref.) (Rus)  
 Lakis KM, Kachitina NG, Gavrilov AP: Veshchestva, uchetno-tekhnicheskaya filtriulirovka. *Kardiologiya* 12:139-53, 4 Apr 72 (427 ref.) (Rus)  
 Lang E: Der Einfluss von Widerstands- und Volumenbelastung auf die systolischen Kontraktionszeiten des rechten und linken herzens. *Arch Kreislauferorsch* 56:1-52, Sep-Dec 71 (197 ref.) (Ger)  
 Larakif EG see Ignatova MS  
 Lashevskaya VM: Narushenie vodno-slektronitnogo obmena pri ostrone pankreatite (obzor literatury). *Patol Fiziol Eksp Ter* 16:88-92, Jan-Feb 72 (117 ref.) (Rus)  
 Laskin DM see Goldstein BH  
 Lawrence TL: A review of some effects on health and performance of variations in the physical form of the diet of the growing pig. II. Fibrous constituents and water level. *Vet Rec* 81:84-8, 22 Jul 72 (60 ref.) (Rus)  
 Lee JB: The inter-relationships between renal prostaglandins and blood pressure regulation. *Am J Med Sci* 263:335-46, May 72 (52 ref.) (Rus)  
 Lehnert HE: New developments in lower-limb orthotics through biomechanics. *Arch Phys Med Rehabil* 53:303-10 passim, Jul 72 (10 ref.) (Rus)  
 Lejour M, Matton G: La tolérance des matériaux étrangers en chirurgie plastique. *Acta Chir Belg* 70:245-83, Mar 71 (183 ref.) (Fre)  
 Lemireur R see Meurice E  
 Lemke PA see Koltin Y  
 Lenovs EV see Persiansianov LS  
 Lessof MH: The immunological basis of allergy. *Practitioner* 226:735-41, Jun 72 (19 ref.) (Rus)  
 Levantini A, Almeida J: Drug reactions. 15. Cutaneous reactions to antituberculous drugs. *Br J Dermatol* 86:651-5, Jun 72 (57 ref.) (Rus)  
 Levy N: [Chronic non-specific gastritis] *Harefuah* 83:330-2, 2 Apr 72 (47 ref.) (Heb)  
 Lewis SM, Verwiltgen RL: Dyserythropoiesis and dyserythropoietic anaemia. *Br J Haematol* 23:1-4, Jul 72 (18 ref.) (Rus)  
 Liehman P: Zur Therapie der Angina pectoris in heutiger Sicht. *Z Kreislauferorsch* 61:195-223, Mar 72 (162 ref.) (Ger)  
 Lieber CS, Rubin E, Decarli LM, et al: Etude des effets morphologiques et métaboliques de l'alcool sur le foie. *Rev Med Chir Mai Foie* 46:233-54, 1971 (123 ref.) (Fre)  
 Lindé K see Koch H  
 Lloyd JK: Effects and treatment of malabsorption in childhood. *Proc Nutr Soc* 31:61-6, May 72 (17 ref.) (Rus)  
 Logue JM, Van Maanen EP: The autonomic nervous system and some aspects of the use of autonomic drugs in children. *J Pediatr* 81:205-16, Aug 72 (Rus)  
 Lomova MA see Persiansianov LS  
 Longson D: Androgen therapy. *Practitioner* 208:338-48, Mar 72 (18 ref.) (Rus)  
 Lucas IA: The use of antibiotics as feed additives for farm animals. *Proc Nutr Soc* 31:1-6, May 72 (74 ref.) (Rus)  
 Lager A: Prophylaxe der Geschlechtskrankheiten. *Z Haut Geschlechtskr* 47:399-414, 1 May 72 (68 ref.) (Ger)  
 Lukianowicz N: Battered children. *Psychiatr Clin (Basel)* 4:257-90, 1971 (44 ref.) (Rus)  
 Lassier A, Myhal D: Polyarthrite rhumatoïde: traitement 1972. *Ady Biochém Psychopharmacol* 4:93-104, 1972 (26 ref.) (Rus)  
 MacDonald RA: Changing pathology in the 1970s. *Pathol Annu* 7:293-319, 1972 (231 ref.) (Rus)  
 Macfie JG: Prevention and treatment of iron deficiency in children. *Med Times* 100:135 passim, Apr 72 (17 ref.) (Rus)  
 McKay DG: Participation of components of the blood coagulation system in the inflammatory response. *Am J Pathol* 67:181-210, Apr 72 (64 ref.) (Rus)  
 Mackiewicz JS: Caryophyllidae (Costellidae): a review. *Exp Parasitol* 31:417-512, Jun 72 (372 ref.) (Rus)  
 McMillan JB: Some approaches and problems in the study of the use of services—an overview. *J Health Soc Behav* 13:115-52, Jun 72 (256 ref.) (Rus)  
 McQueen EG: Hormonal steroid contraceptives. 3. Adverse reactions. *Drugs* 2:30-44, 1971 (Rus)  
 Maddison SE: Structure and function of human immunoglobulins. *Health Lab Sci* 9:187-77, Jul 72 (49 ref.) (Rus)  
 Maher B: The language of schizophrenia: a review and interpretation. *Br J Psychiatry* 120:3-17, Jan 72 (63 ref.) (Rus)  
 Manchanda SK: Central nervous control of cardiac activity. II. *Indian J Physiol Pharmacol* 14:211-30, Oct 70 (134 ref.) (Rus)  
 Mansurova IA, Fahezhanova Tia: Primenenie klonifena dlia lecheniya hiperplazii. *Sov Med* 35:49-52, May 72 (48 ref.) (Rus)  
 Mareaud R, Stoil R: Les agents tératogènes chez l'homme. *Bord Med* 5:315-33, Feb 72 (23 ref.) (Fre)  
 Marcondes Pereira R see Kirkpatrick JA  
 Martin JA see Schroepfer GJ Jr  
 Maschita K see Takeuchi K  
 Matsova MN, Sytinikif IA: Sistema gamma-aminoantranilatovyy sostoiannik obolgovnogo mozga pri akstremal'nykh sostoianiakh (obzor literatury). *Patol Fiziol Eksp Ter* 15:88-92, Sep-Oct 71 (89 ref.) (Rus)  
 Massry SG see Coburn JW  
 Matsukura S see Imura H  
 Matsuo H, Fujihara H: [T3 and T7 phages] *Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:292-8, 1972 (42 ref.) (Rus)  
 Matsuzaki A, Okubo S: [New method of phage isolation] *Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:245-51, 1972 (42 ref.) (Rus)  
 Matsuzaki F: Problems concerning action mechanism of growth hormone. *Saihin Igaku* 27:861-7, May 72 (57 ref.) (Jap)  
 Mattioli A see Vague J  
 Matton G see Lejour M  
 Matveev BP see Barzel VV  
 Medekh M see Cohen L  
 Meerzon FZ: Razvitiye sovremennykh predstavlenii o mekanizme gipertrofii serdtsa. *Kardiologiya* 12:5-12, 4 Apr 72 (50 ref.) (Rus)  
 Metzger FW: Die Behandlung Querschnittsgelähmter nach Unfällen. *Med Klin* 67:761-7, 2 Jun 72 (32 ref.) (Rus)  
 Mettav M see Rivkin VL  
 Meinick JL see Batzel JP  
 Meullen V ter, Katz M, Müller D: Subacute sclerosing panencephalitis: a review. *Curr Top Microbiol Immunol* 57:1-38, 1972 (107 ref.) (Rus)  
 Meunier E, Lemireur R: Les essais d'approche objective et expérimentale des comportements de relation entre deux sujets. *Revue d'ensemble. Encéphale* 66:483-93, Nov-Dec 71 (88 ref.) (Fre)  
 Meyer A: A historical note on the ascending reticular formation of the brain-stem. *Psychol Med* 1:13-7, Nov 70 (44 ref.) (Rus)  
 Meyer D, Dray L, Allain JP, et al: Le facteur VIII (facteur anti-hémophilique A). Biologie, physiologie, pathologie et génétique. *Pathol Biol (Paris)* 20:807-23, Jun-Jul 72 (273 ref.) (Fre)  
 Miale A Jr, Rodrigues-Antunes A, Gill WM Jr: Pancreas scanning after ten years. *Semin Nucl Med* 2:201-19, Jul 72 (35 ref.) (Rus)  
 Miasnikov LA, Kasatkina LV: Rol' osnovnogo veshchestva arterii v patogeneze ateroskleroz. *Kardiologiya* 12:126-39, 4 Apr 72 (304 ref.) (Rus)  
 Michalkiewicz W, Siomko Z, Biczysko R: Kardiolografia. *Piel Tyg Lek* 27:846-9, 26 May 72 (Pol)  
 Miller OJ see Warburton D  
 Miller III: Regulation of sodium excretion: intra- and extrarenal mechanisms. *R Coll Physicians Lond* 4:335-50, Jul 70 (69 ref.) (Rus)  
 Miravet L, Grasen M: Les métabolites actifs de la vitamine. *Cal Med* 13:159-64, Mar 72 (55 ref.) (Fre)  
 Mitchell MV see Gustafson DP  
 Mitrikovskii LS see Zaks AS  
 Miyoshi A: [Physiological role and action mechanism of gastrin] *Saihin Igaku* 27:904-10, May 72 (47 ref.) (Jap)  
 Mizobuchi K: [5 bacteriophage] *Protein Nucleic Acid Enzyme (Tokyo)* 17:Suppl:252-60, 1972 (39 ref.) (Jap)  
 Mizukawa T see Oshima T  
 Moertel CG: Peritoneal mesothelioma. *Gastroenterology* 63:346-50, Aug 72 (30 ref.) (Rus)  
 Morales AE, Fine G, Horn RC Jr: Rhabdomyosarcoma: an ultrastructural appraisal. *Pathol Annu* 7:81-106, 1972 (34 ref.) (Rus)  
 Morgan D: Psychosomatic medicine. VII. Psychosomatic aspects of peptic ulcer disease. *Practitioner* 200:114-20, Jul 72 (27 ref.) (Rus)  
 Morroni G: Recenti acquisizioni sui rapporti tra infettive virali e patologia endocrina. *Pediatria (Napoli)* 86:72-88, 30 Mar 72 (134 ref.) (Ita)  
 Mortenson LE see Dalton H  
 Moskovets' SM, Skripal' IG: Mikol' K Mikoplasmy, ikh zdudnyky zakhvortsovyan' rodyn. *Mikrobiol Zb* 33:281-90, May-Jun 71 (86 ref.) (Ukr)  
 Mühlemann HR: Intra-oral radiotelemetry. *Int Dent J* 21:454-65, 4 Dec 71 (60 ref.) (Rus)  
 Mulligan D see Meullen V ter  
 Mulligan RM: Histogenesis and biologic behavior of gastric carcinomas. *Pathol Annu* 7:349-415, 1972 (111 ref.) (Rus)  
 Murakami S: [Blood banks and the problem of Australia antigen]. *Jap J Clin Med* 30:1164-8, May 72 (29 ref.) (Jap)  
 Murano G: Theory of blood coagulation in disseminated intravascular coagulation (D. I. C.). *Folia Haematol (Leips)* 97:5-19, 1972 (92 ref.) (Rus)  
 Murase T, Yoshida S: [Regulation of antidiuretic hormone (ADH) secretion and its anomaly]. *Jap J Clin Med* 29:1690-7, Jul 71 (47 ref.) (Jap)  
 Murav'ev GN, Furmanachov AV: Sovremennye dannye o proiskhozhdenii, stroenii i funktsii bazal'nykh membran v norme i patologii. *Arkh Patol* 34:71-7, 1972 (111 ref.) (Rus)  
 Myrzind N: Erythema nodosum's aetiology. *Ugeskr Laeger* 134:1161-3, 29 May 72 (24 ref.) (Dan)  
 Myhal D see Lassier A

## MEDICAL REVIEWS

### N

- Naidorf LJ: Inflammation and infection of pulp and periapical tissues. *Oral Surg* 34:486-97, Sep 72 (101 ref.)  
 Nakao Y see Oshima T  
 Nakata T see Ueda K  
 Nakayama K: [Release of metabolic products by mutants with abnormal regulatory genes and its application in fermentation] *Protein Nucleic Acid Enzyme* (Tokyo) 17:Suppl:299-301, 1972 (52 ref.) (Jap)  
 Neme B: Choque bacterémico em toxicogenecologia: fisiopatología e implicaciones terapéuticas. *Matern Infanc* (Sao Paulo) 30:229-59, Jul-Sep 71 (153 ref.) (Por)  
 Nettesheim P: Respiratory carcinogenesis studies with the Syrian golden hamster: a review. *Prog Exp Tumor Res* 16:185-200, 1972 (42 ref.)  
 Newbold PC: Pre-cancer and the skin. *Br J Dermatol* 86:417-34, Apr 72 (282 ref.)  
 Nishi S, Hirai H: [Chemical and immunological specificity of fetoprotein] *Jap J Clin Med* 30:169-73, May 72 (28 ref.) (Jap)  
 Nishimura Y see Ishibashi M  
 Nishizuka Y: [Mode of action of cyclic AMP] *Saisin Igaku* 27:967-77, May 72 (37 ref.) (Jap)  
 Nissen NI see Hansen I  
 Nitka J: Wartość lecznicza soli litu w psychozach cyklofrenicznych. *Psychiatr Pol* 6:327-32, May-Jun 72 (17 ref.) (Pol)  
 Nizet A: Physiologie du rein en survie extra-corporelle. *J Urol Nephrol* (Paris) 77:909-27, Dec 71 (59 ref.) (Fre)  
 Nizze H: Asthma und seine Gefahren für den Menschen. *Dtsch Gesundheitsw* 27:913-8, 18 May 72 (112 ref.) (Ger)  
 Numata M see Kawashima T

### O

- Oakley CM see Goodwin JF  
 Oata M: [Recent trends in pulmonary surgery. 2. Post-traumatic respiratory insufficiency] *Jap J Thorac Surg* 25:11-6, Jan 72 (54 ref.) (Jap)  
 Obraztsova GA: O periode ékal-tatii v razvitiu povedenija v ontogeneze. *Zh Vyssh Nerv Deliat* 22:211-9, Mar-Apr 72 (32 ref.) (Rus)  
 Obret D see Chyrek-Borowska S  
 Ochi Y, Hachiya T, Shimizu K, et al: [TSH and LATS] *Saisin Igaku* 27:853-61, May 72 (104 ref.) (Jap)  
 Oguchi M, Shimizu Y: [Review of literature on the crystalline lens published in 1970] *Ophthalmology* (Tokyo) 14:321-46, May 72 (272 ref.) (Jap)  
 Okada R: [Idiopathic myocardial diseases] *Jap J Clin Med* 30:72-5, Jan 72 (23 ref.) (Jap)  
 Okuno H, Shibata K, Kosaka K, et al: [Clinically macroglobulinemia occurring in plasmacytoma and review of literature] *Acta Haematol* 34:622-43, Oct 71 (168 ref.) (Jap)  
 Okuda H see Fujii S  
 Ollisov VB: Kliniko-morfologicheskie paralelli pri razlichnykh formakh vestibulyarnykh rastroshtv perifericheskogo proiskhozhdeniya. *Vestn Otorinolaringol* 33:118-21, Sep-Oct 71 (89 ref.) (Rus)  
 Oneda A: [Clinical application of glucagon] *Jap J Clin Med* 29:1747-53, Jul 71 (25 ref.) (Jap)  
 Gross L, Pfeider H: Über die Problematik der Heparinbestimmung und das Vorkommen von Heparin im Blut. *Z Gesamte Inn Med* 26:795-9, 15 Dec 71 (86 ref.) (Ger)  
 Oshima T, Nakao Y, Mizukawa T: [Visual tract diseases and the visual field—with special reference to the significance of the flicker test in the diagnosis and therapy of optic nerve diseases] *Ophthalmology* (Tokyo) 14:208-25, Mar 72 (107 ref.) (Jap)  
 Oshima Y see Horiochi T  
 Ostrianina AD: Vitamin B 12 i opukholevyi proteiny (obzor literatury). *Vopr Pitani* 31:25-31, May-Jun 72 (71 ref.) (Rus)  
 Oswald I, Bresinova V, Dulavsky DL: On the slowness of action of tricyclic antidepressant drugs. *Br J Psychiatry* 120:673-7, Jun 72 (15 ref.)  
 Otsubo K see Hanada J  
 Ottenjann E: Voruntersuchungen und Indikation zu Späteintritten am operierten Magen. *Med Klin* 67:475-8, 7 Apr 72 (23 ref.) (Ger)  
 Oseki H: [Transduction by bacteriophages] *Protein Nucleic Acid Enzyme* (Tokyo) 17:Suppl:64-75, 1972 (46 ref.) (Jap)

### P

- Palasz M: Zarys fizjologii zoladka. *Wiad Lek* 25:785-8, 1 May 72 (20 ref.) (Pol)  
 Paika J see Abraham FD  
 Pantaleeva NS: Strukturnaja organizacija miozinov molekul. *Usp Sovrem Biol* 73:174-91, Mar-Apr 72 (125 ref.) (Rus)  
 Papeschi E: Dopamine, extrapyramidal system, and psychomotor function. *Psychiatr Neurol Neurochir* 75:13-48, Jan-Feb 72 (265 ref.)  
 Papai W: Diagnose und Therapie des paralytischen Strabismus infolge Fehlinnervation. Ein elektromyographischer Beitrag. *Adv Ophthalmol* 25:104-43, 1972 (129 ref.) (Ger)  
 Parfitt AM, Frame B: Treatment of rickets and

- osteomalacia. *Semin Drug Treat* 2:83-115, Summer 72 (256 ref.)  
 Partheniades E see Erdmann W  
 Paterson CA: Effects of drugs on the lens. *Int Ophthalmol Clin* 11:63-97, 1971 (149 ref.)  
 Patscheke D, Reinecke A, Tarnow J, et al: Tierexperimentelle Untersuchungen über Kreislaufwirkungen von Ketamine und Barbiturat im hämorrhagischen Schock. *Anaesthesist* 21:205-9, May 72 (13 ref.) (Ger)  
 Pavelka R, Friedrich F, Caneig H: Die Ultrastruktur der menschlichen Eizelle des Graafschens Follikels. *Wien Klin Wochenschr* 84:305-12, 12 May 72 (16 ref.) (Ger)  
 Pecke HV see Abraham FD  
 Peleka W see Piederzak Z  
 Pence HL, Evans R: In-vitro methods of detecting drug hypersensitivity. *Med Ann DC* 41:431-6, Jul 72 (51 ref.)  
 Perekovskikhova EP: K voprosu o laktat-azidozie. *Pediatria* 51:69-72, Jul 72 (53 ref.) (Rus)  
 Persianow LS, Lomova MA, Leonov BV: Prostaglandiny i sokratitel'naia delatel'nost' matki (obzor literatury). *Akush Ginekol* (Mosk) 47:3-7, Apr 71 (24 ref.) (Rus)  
 Petinov NS see Askochenskaja NA  
 Philippe N: Les dyslipoprotéinemias. *Pediatrics* 27:93-100, Jan-Feb 72 (25 ref.) (Fre)  
 Phillip JL: Bovine respiratory disease: is control possible? *Vet Rec* 90:552-5, 13 May 72 (37 ref.)  
 Pierce WS, Waldhausen JA: Surgical approaches in congenital heart disease. *Pediatr Clin North Am* 19:333-53, May 72 (15 ref.)  
 Pietrek J: Mechanizmy patogenezy nadciśnienia nerwowego. *Piel Tyg Lek* 27:968-71, 19 Jul 72 (20 ref.) (Pol)  
 Poeh GF: Hipertrofia muscular verdadera. Ubicación nosográfica. *Prens Med Argent* 59:521-5, May 72 (35 ref.) (Spa)  
 Pollard M: Senescence in germfree rats. *Gerontologia* 17:333-8, 1971 (33 ref.)  
 Popp W: Über einige Grundzüge der Knochenbruchbehandlung im Kindesalter. *Z Aertzl Fortbild* (Jena) 66:128-38, 1 Feb 72 (55 ref.) (Ger)  
 Porter AL: An analytical review of the effects of non-hydrogen-bonding anesthetics on memory processing. *Behav Biol* 17:291-309, Jun 72 (79 ref.)  
 Prabhakar MJ see Asanagostopoulos CE  
 Premachandra BN: Immunologic aspects of diabetic angiopathy: does thyroid autoimmunity play an etiological role in some forms of diabetic vasculitis? *Osterr Z Erdforsch Bekämpf Krebskr* 8:302-43, Sep 71 (175 ref.)  
 Price HJ see Sparrow AH  
 Pshenichnikova TIA see Manuilova IA  
 Purinov GO see Andreeva EI

### R

- Raaflaub J, Dubach UC: Zur Frage der Pathogenese der chronisch-interstitiellen Nephritis nach prothieriertem Schmerzmittelabusus. *Klin Wochenschr* 50:490-97, 15 May 72 (60 ref.) (Ger)  
 Rachitschka NG see Klein KM  
 Raiss LG see An WY  
 Rakitin BM: Ob iakustovennykh i estestvennykh antivirulinskikh. *Klin Med* (Mosk) 50:24-7, Jan 72 (Rus)  
 Ranen HM see Norpeth K  
 Rebhun LE: Polarized intracellular particle transport: saltatory movements and cytoplasmic streaming. *Int Rev Cytol* 52:93-137, 1972  
 Reimer ER: Hereditäre hämolytische Anämien. (Eine Übersicht). *Wien Med Wochenschr* 122:267-71, 6 May 72 (Ger)  
 Reinberg A, Halberg F: Circadian chronopharmacology. *Annu Rev Pharmacol* 11:455-92, 1971 (223 ref.)  
 Reinecke A see Patscheke D  
 Reinhardt K: Popliteacysten und popliteogene Unterschenkelzysten (Baker-Cysten). *Radiologie* 12:77-86, Mar 72 (Ger)  
 Reijthar L see Dadák O  
 Remeschmidt H: Haschisch und LSD. Physische und psychische Wirkungen. 2. *Med Klin* 67:781-6, 2 Jun 72 (118 ref.) (Ger)  
 Renold AE, Cameron DP, Amherdt M, et al: Endocrine-metabolic anomalies in rodents with hyperglycemic syndromes of hereditary and/or environmental origin. *Am J Med Sci* 8:189-206, Mar 72 (51 ref.)  
 Ridley CM: A review of the recent literature on diseases of the vulva. I. General aspects. *Br J Dermatol* 86:841-7, Jun 72 (100 ref.)  
 Ridley CM: A review of the recent literature on diseases of the vulva. II. Vulvitis: infections. *Br J Dermatol* 87:58-69, Jul 72 (122 ref.)  
 Riggs BL, Jowsey J: Treatment of Paget's disease with fluoride. *Semin Drug Treat* 2:85-8, Summer 72 (12 ref.)  
 Rioux A see Kuster GG  
 Rivkin VL, Khostikoy GZ, Meltyuk MB, et al: Diverticulitis tolstoi kishki. *Sov Med* 35:44-9, May 72 (97 ref.) (Rus)  
 Robbins HB, Dufrane JH: Hyperkalemia in anesthesia. *Pa Med* 75:77-80, Feb 72 (19 ref.)  
 Roberts RR, Cederbaum AI: The liver and blood coagulation: physiology and pathology. *Gastroenterology* 63:297-320, Aug 72 (156 ref.)  
 Rodriguez-Antunes A see Miale A Jr  
 Roeder LM, Chow BP: Maternal undernutrition and its long-term effects on the offspring. *Am J Clin Nutr* 25:812-21, Aug 72 (60 ref.)  
 Roloff W: Chirurgische Aspekte zur elektrostimulation des Herzens bei Rhythmusstörungen. *Zentralbl Chir* 97:553-7, 6 May 72 (12 ref.) (Ger)  
 Roseman VM, Gill GM: Drug interactions in clinical medicine. *Med Clin North Am* 56:585-97, May 72 (81 ref.)  
 Rosner F see Sawitky A  
 Roy JH, Ternouth JH: Nutrition and enteric diseases in calves. *Proc Nutr Soc* 31:53-60, May 72 (53 ref.)  
 Rubin E see Lieber CS
- Rubin P see Vague J  
 Rubio Galli OA see Acosta JM  
 Rudy S, Gigli I, Austen KP: The complement system of man. I. *N Engl J Med* 267:489-95, 7 Sep 72 (58 ref.)  
 Rudikoff S see Sigel MM  
 Russell RG see Smith R  
 Rybakowski J: Wpływ litu na transmisję synaptyczną w ośrodkowym układzie nervowym. *Psychiatr Pol* 6:323-5, May-Jun 72 (22 ref.) (Pol)  
 Ryo M see Tasaka Y

### S

- Saito S: [Recent progress in radioimmunoassay] *Jap J Clin Med* 29:1653-9, Jul 71 (19 ref.) (Jap)  
 Sakakura M see Takebe K

- Sakamoto S see Imura H  
 Sakamoto S, Anzai T: [Immunohistologic and electron microscopic studies of Australia antigen in the tissue] *Jap J Clin Med* 30:1131-8, May 72 (26 ref.) (Jap)  
 Sakhov VN: Issledovanie zhivotnogo kletki metodom ul'trafilozitovo i lazernogo lokal'nogo obлучenia. *Usp Sovrem Biol* 73:231-49, Mar-Apr 72 (85 ref.) (Rus)  
 Saksomov PP see Vasin MV

- Sato K: [Isolation of regulatory mutants] *Protein Nucleic Acid Enzyme* (Tokyo) 17:Suppl:266-73, 1972 (51 ref.) (Jap)  
 Saville FD, Heaney R: Treatment of osteoporosis with diphosphonates.

- Semin Drug Treat 2:47-50, Summer 72 (9 ref.)  
 Sawitky A, Rosner F, Chodsky S: The sea-blue histiocytic syndrome, a review: genetic and biochemical studies.

- Semin Hematol 9:235-97, Jul 72 (85 ref.)  
 Schapiro H, Britt LG: The effect of adrenalectomy on the gastrointestinal tract. A review of the literature. *Rev Surg* 29:229-39, Jul-Aug 72 (156 ref.)

- Schechter DC: Background of clinical electrostimulation. VII. Modern era of artificial cardiac pacemakers. *NY State J Med* 72:1166-91, 15 May 72 (216 ref.)  
 Schlaegel TF Jr: Recent advances in uveitis. *Ann Ophthalmol* 4:525-30 passim, Jul 72 (69 ref.)

- Schmidt-Nielsen K: Locomotion: energy cost of swimming, flying, and running. *Science* 177:222-3, 21 Jul 72 (40 ref.)

- Schnecko L see Volk BW  
 Schweiss U: Möglichkeiten der Immunodiagnostik und Immunotherapie beim Krebs. *Dtsch Gesundheitsw* 27:365-70, 11 May 72 (31 ref.) (Ger)

- Schnetter GW 3d: Platelets and thrombogenesis—current concepts. *Am Heart J* 83:552-64, Apr 72

- Schofield BH see Easch CA  
 Schreepel GJ Jr, Lutsky BN, Martin JA, et al: Recent investigations on the nature of sterol intermediates in the biosynthesis of cholesterol. *Proc R Soc Lond [Biol]* 180:125-46, 15 Feb 72 (117 ref.)

- Schuh PH see Dykes MH  
 Schwartz SL: A review of crisis intervention programs. *Psychiatr Q* 45:498-506, 1971 (24 ref.)

- Schwarz J see Suchenthaler W  
 Schreiber JJ see Goldstein BH

- Seddon RJ: Hormonal steroid contraceptives. I. Physiological and pharmacological considerations. *Drugs* 1:399-420, 1971

- Seki T see Ichida Y

- Seldin NE: The family of the addict: a review of the literature. *Int J Addict* 7:97-107, 1972 (35 ref.)

- Sergeeva ZN see Frankenstein SI

- Sharav Y see Weinreb MM

- Shashkov VB see Vasin MV

- Shevechko SD: Operativnye metody korrektal deformatsii grudnov kletki pri skolioze (obzor literatury). *Ortop Traumatol Protez* 33:77-80, Jun 72 (18 ref.) (Rus)

- Shibata K see Okubo H

- Shimizu Y see Oguchi Y

- Shimizu K see Ochi Y

- Shirai D see Urakabe S

- Skilar G: Experimental oral pathology in the Syrian hamster. *Proc Exp Tumor Res* 16:518-38, 1972 (59 ref.)

- Shumakov VI, Tolpekin VE, Vlasov VB: Klinicheskoe primenenie vospomogatel'nogo krovooobrazhcheniya. *Klin Med* (Mosk) 49:15-20, Jul 71 (33 ref.) (Rus)

- Sigel MM, Voss EW Jr, Rudikoff S: Binding properties of shark immunoglobulins. *Comp Biochem Physiol A* 42:249-59, 1 May 72 (16 ref.)

- Simon J see Sohn D

- Simpson DR: Problems of the composition and structure of the bone minerals. *Clin Orthop* 86:260-86, Jul-Aug 72 (61 ref.)

- Simpson-Morgan MW, Smeaton TC: The transfer of antibodies by neonates and adults.

- Adv Adv Sci Comp Med 16:355-86, 1972 (126 ref.)

- Singh KB: Effects of sound on the female reproductive system.

- Am J Obstet Gynecol 112:981-91, 1 Apr 72 (87 ref.)

- Skipral' IG see Moskovets' SM

- Sliomko Z see Michalkiewicz W

- Smeaton TC see Simpson-Morgan MW

- Smetana HF: Cirrhosis of the liver: principles of classification, histogenesis, and pathogenesis.

- Pathol Annu 7:107-44, 1972 (160 ref.)

- Smith R, Russell RG: Treatment of Paget's disease with a diphosphonate (sodium etidronate).

- Semin Drug Treat 2:77-81, Summer 72 (26 ref.)

- Smith ET: Possibilities and problems of immunologic intervention in cancer.

- N Engl J Med 287:439-50, 31 Aug 72 (138 ref.)

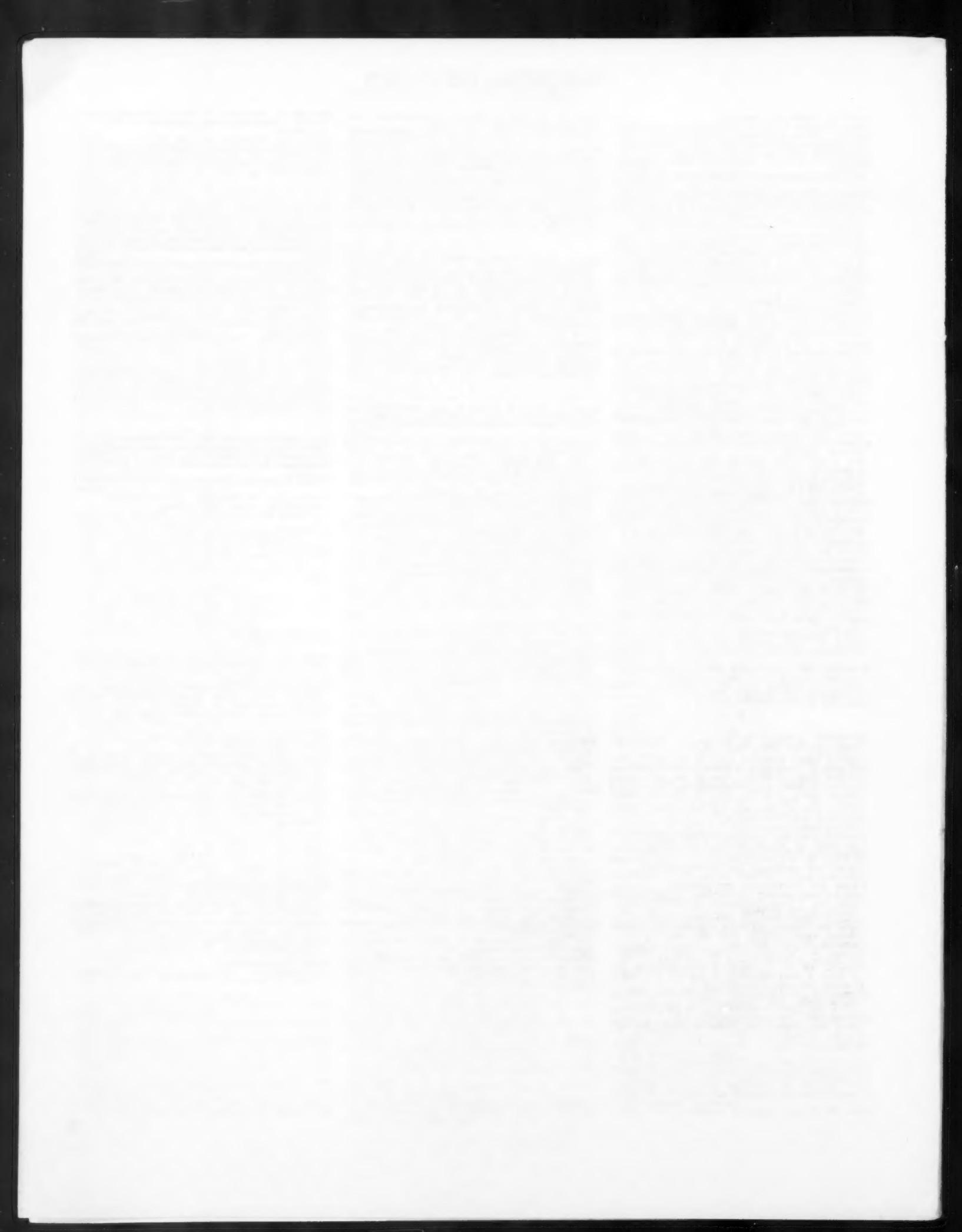
- Smith TW: Contribution of quantitative assay techniques to the understanding of the clinical pharmacology of digitalis. *Circulation* 46:188-99, Jul 72 (100 ref.)

- Snyder SH: Catecholamines in the brain as mediators of amphetamine psychosis.

- Arch Gen Psychiatry 27:169-79, Aug 72 (86 ref.)

# MEDICAL REVIEWS

- Söder G: Obstetric analgesi. Lakartidningen 69:3134-8, 22 Jun 72 (34 ref.) (Swe)
- Sohn D, Simon J: Rapid identification of psychopharmacologic agents in cases of drug abuse. Clin Chem 18:405-9, May 72 (28 ref.)
- Söltz-Szöts J, Fanta D: Zur Differentialdiagnose der Pocken. Wien Klin Wochenschr 84:337-40, 26 May 72 (18 ref.) (Ger)
- Sopata I: Niektóre enzymatyczne etapy biosyntezy kolagenu. Reumatologia 10:171-80, 1972 (76 ref.) (Pol)
- Sparrow AH, Price HJ, Underbrink AG: A survey of DNA content per cell and per chromosome of prokaryotic and eukaryotic organisms: some evolutionary considerations. Brookhaven Symp Biol 23:451-94, 1972 (173 ref.)
- Spencer RP: The role of radionuclides in the evaluation of pancreatic blood flow, size, and exocrine function. Semin Nucl Med 2:191-200, Jul 72 (51 ref.)
- Spranger J: The systemic mucopolysaccharidoses. Ergeb Inn Med Kinderheilkd 32:165-265, 1972 (563 ref.)
- Stamberg J see Koltin Y
- Steinherz A see Koch H
- Sternlieb I: Special article: functional implications of human portal and bile ductular ultrastructure. Gastroenterology 63:321-7, Aug 72 (33 ref.)
- Sternson J see Delespresse G
- Stewart RB, Cluff LE: A review of medication errors and compliance in ambulant patients. Clin Pharmacol Ther 13:463-8, Jul-Aug 72 (22 ref.)
- Stoll R see Marraud R
- Stone NJ, Levy RI: The hyperlipidemias and coronary artery disease. DM 1-35, Aug 72 (62 ref.)
- Stretton TB: Extrinsic allergic alveolitis. Practitioner 208:742-9, Jun 72 (26 ref.)
- Strukov AI: Nekotorye sovremennye aspekty u vchenii o vospalenii. Arkh Patol 34:9-18, 1972 (45 ref.) (Rus)
- Subbiah MT: Analysis of sterols: application to sterol balance studies. Am J Clin Nutr 25:780-8, Aug 72 (51 ref.)
- Suchenwirth R, Schwarz J: Neurologie. Nebenwirkungen und Komplikationen medikamentöser Therapie.
- Munch Med Wochenschr 114:467-70, 10 Mar 72 (Ger)
- Sukhodol'skaya AE: L-formy mikrobakterif tuberkuleza (obzor literatury). Vrach Delo 3:83-6, Mar 72 (Rus)
- Sunshine P: What pediatricians should know about malabsorption, but are afraid to ask. Curr Probl Pediatr 2:3-46, Jun 72 (138 ref.)
- Sushkevich GN see Baluda VP
- Susset JG: La retention urinaire. Union Med Can 101:1370-6, Jul 72 (18 ref.) (Fre)
- Sutherland EW: Studies on the mechanism of hormone action. Science 177:401-8, 4 Aug 72 (75 ref.)
- Suzuki M: [Thyroid hormone]. Saishin Igaku 27:941-7, May 72 (54 ref.) (Jap)
- Suzuki M, Abe T: [Action mechanism of IUD.] Sanfujinka Jissai 21:408-14, May 72 (69 ref.) (Jap)
- Suzuki S: [Australia antigen in diseases not involving the liver]. Jap J Clin Med 30:1215-9, May 72 (26 ref.) (Jap)
- Suzuki Y: [The eye and vitamin C] Ophthalmology (Tokyo) 14:347-57, May 72 (73 ref.)
- Sviatkina OB, Vel'tishchev IuE: Nasledstvennye anomali obmena metionina u detei. Pediatr 51:68-75, Apr 72 (40 ref.) (Rus)
- Sytnikov IA see Maslova MN
- Szeblotko K see Janicki J
- T**
- Takamitsu Y see Urakabe S
- Takebe R, Sakakura M, Mashita K: [Feedback mechanism in ACTH secretion] Saishin Igaku 27:984-93, May 72 (53 ref.) (Jap)
- Takenaka F: [Mechanism of action of catecholamines] Saishin Igaku 27:948-52, May 72 (48 ref.) (Jap)
- Takeuchi T, Fukuchi S, Katsumiha I: [Aldosterone] Saishin Igaku 27:927-31, May 72 (20 ref.) (Jap)
- Tanner JM: Human growth hormone. Nature (Lond) 237:433-9, 23 Jun 72 (91 ref.)
- Tarnow J see Patschke D
- Tarui S see Nonaka K
- Tasaka Y, Ryo M: [Secretion of insulin, with special reference to the secretory mechanism] Jap J Clin Med 29:1698-711, Jul 71 (140 ref.) (Jap)
- Tator CH: Acute spinal cord injury: a review of recent studies of treatment and pathophysiology. Can Med Assoc J 107:143-52, 22 Jul 72 (61 ref.)
- Tatum HJ: Intrauterine contraception. Am J Obstet Gynecol 112:1000-23, 1 Apr 72 (77 ref.)
- Tavill AS: The synthesis and degradation of liver-produced proteins. Gut 13:225-41, Mar 72 (104 ref.)
- Taylor HE: Pathology of organ transplantation in man. Pathol Annu 7:173-99, 1972 (82 ref.)
- Ternouth JH see Roy JH
- Thomas AJ: Chronic pulmonary heart disease. Br Heart J 34:653-7, Jul 72 (50 ref.)
- Thomasini TB Jr: Secretory immunoglobulins. N Engl J Med 287:500-6, 7 Sep 72 (12 ref.)
- Tolpikov VE see Shumakov VI
- Tomioka S: [On Australia antigen, heterogeneity of the antibody and fecal antigen] Jap J Clin Med 30:1117-22, May 72 (29 ref.) (Jap)
- Tooran HW: The parvoviruses. Prog Exp Tumor Res 16:410-25, 1972 (103 ref.)
- Trautwein G: Sammelreferat: Autoantikörper und Autoimmunkrankheiten bei Tieren. Dtsch Tierärztl Wochenschr 79:280-4 passim, 1 Jun 72 (Ger)
- Trautwein G: Autoantikörper und Autoimmunkrankheiten bei Tieren. Dtsch Tierärztl Wochenschr 79:306-10, 15 Jun 72 (199 ref.) (Ger)
- Tsakhaev NTs: Eksperimental'nyi skolioz (obzor literatury). Ortop Travmatol Protez 33:80-3, Jun 72 (36 ref.) (Rus)
- Tsuji T: [Immunological study of Australia antigen in the tissue]. Jap J Clin Med 30:1139-46, May 72 (19 ref.) (Jap)
- U**
- Ueda K, Nakata T: [Ataxis associated with muscular atrophy]. Jap J Clin Med 29:1883-90, Aug 71 (55 ref.) (Jap)
- Uete T: [Adrenal cortex hormones] Saishin Igaku 27:916-26, May 72 (208 ref.) (Jap)
- Underbrink AG see Sparrow AH
- Urakabe S, Shirai D, Takamitsu Y: [Vasopressin] Saishin Igaku 27:868-76, May 72 (62 ref.) (Jap)
- Urushizaki I: [Cancer and anemia] Jpn J Med Assoc 66:1399-410, 15 Dec 71 (82 ref.) (Jap)
- Usandizaga M: Las llamadas nefropatias grávidicas. Acta Obstet Ginecol Hisp Lust 20:155-51, Apr 72 (Spa)
- Ushkalov AF: Vnutriopochechinal autoregulatornaya funktsiya iukstagonadularnogo appara. Kardiologija 12:141-51, May 72 (122 ref.) (Rus)
- Vague J, Mattei A, Rubin P: Les dégénérescences neurogerminales. Etat actuel de la question. Rev Fr Endocrinol Clin 12:383-96, Sep-Oct 71 (6 ref.) (Fre)
- Van Deenen LL: Permeability and topography of membranes. Chem Phys Lipids 8:366-73, May 72 (13 ref.)
- Van Maanen EG see Loggi JM
- Van Riper C: Prognostic factors in stuttering. J S Afr Logop Soc 15:7-13, Dec 68 (52 ref.)
- Vasin MV, Saksyon PP, Shashkov VS: Kombinirovaniye primeneniya protivoluchevykh soedinenij (obzor literatury). Farmakol Toksikol 33:501-7, Jul-Aug 70 (Rus)
- Vellios F: Endometrial hyperplasias, precursors of endometrial carcinoma. Pathol Annu 7:201-29, 1972 (65 ref.)
- Vel'tishchev IuE see Sviatkina OB
- Verwighen RL see Lewis SM
- Vignon G, Chapuis F, Cibert M: Intérêt de l'étude du liquide synovial dans les monoarthrites rhumatismales. Rhumatologie 24:18-26, Jan 72 (37 ref.) (Fre)
- Vinai O: Klinická psychofarmakologie v roce 1971. Act Nerv Super (Praha) 14:141-60, 1972 (170 ref.) (Cze)
- Vlasov VB see Shumakov VI
- Volk BW, Adachi M, Schneek L: The pathology of sphingolipidoses. Semin Hematol 9:317-48, Jul 72 (241 ref.)
- Vorburger C: Die medikamentöse Therapie der arteriellen Hypertonie. Ther Umsch 29:369-81, Jun 72 (51 ref.) (Ger)
- Voss EW Jr see Sigel MM
- W**
- Wahlsten D: Genetic experiments with animal learning: a critical review. Behav Biol 7:143-82, Apr 72 (197 ref.)
- Waldhausen JA see Pierce WS
- Waldmann TA: Protein-losing enteropathy and kinetic studies of plasma protein metabolism. Semin Nucl Med 2:251-63, Jul 72 (25 ref.)
- Walker RJ, Williams R: Abnormalities of the gastrointestinal transport of iron. Semin Nucl Med 2:235-50, Jul 72 (117 ref.)
- Warburton D, Miller OJ: Present status and future trends in prenatal diagnosis of chromosomal disorders. Clin Obstet Gynecol 15:272-82, Mar 72 (24 ref.)
- Warren KS: The immunopathogenesis of schistosomiasis: a multidisciplinary approach. Trans R Soc Trop Med Hyg 66:417-34, 1972 (70 ref.)
- Waschlewski H: Zur Behandlung des Kryptorchismus unter besonderer Berücksichtigung der Hormontherapie mit Gonabion. Zentralbl Chir 97:521-8, 29 Apr 72 (21 ref.) (Ger)
- Watanae T: [R mutants] Protein Nucleic Acid Enzyme (Tokyo) 17:Suppl:187-91, 1972 (43 ref.) (Jap)
- Weight FF: Mechanisms of synaptic transmission. Neurosci Res 4:1-27, 1971 (101 ref.)
- Weinreb MM, Sharav Y: The immunobiology of tooth transplants. Int Dent J 21:488-500, 4 Dec 71 (76 ref.)
- Weinstein P see Anders TF
- Willems GS, Hopkins DJ: Systemic therapeutic agents and glaucoma. Practitioner 209:27-34, Jul 72 (27 ref.)
- Williams R see Walker RJ
- Winick M see Brasel JA
- Witwicki T, Bielecka A: Zasady ortopedycznego leczenia zesztywniającego zapalenia stawów kregosłupa. Wiad Lek 25:1077-83, 15 Jul 72 (15 ref.) (Pol)
- Wretlind A: Complete intravenous nutrition. Theoretical and experimental background. Nutr Metab 14:Suppl:1-57, 1972 (192 ref.)
- Wyburn GM see Dunn JS
- Y**
- Yada M see Ichida F
- Yamada C: [Review on aspiration delivery in Japan] Sanfujinka Jissai 21:396-407, May 72 (81 ref.) (Jap)
- Yamaji Y: [Genetics of RNA animal viruses. Temperature-sensitive conditional lethal mutation] Nippon Ika Daigaku Zasshi 39:8-17, Jan 72 (65 ref.) (Jap)
- Yamamoto T: [Results of chemotherapy of intestinal infections] Jpn Assoc Infect Dis 48:41-6, Feb 72 (40 ref.) (Jap)
- Yasumura S: Physiological changes in metabolic disorders of bone and evaluation of agents used in their treatment. Semin Drug Treat 2:1-13, Summer 72 (67 ref.)
- Yonemura D, Kawasaki K: [Electroretinography in normal man] Ophthalmology (Tokyo) 14:391-406, May 72 (174 ref.) (Jap)
- Yoshida S see Murase T
- Yoshida T see Nomaka K
- Young CW, Burchenal JH: Cancer chemotherapy. Annu Rev Pharmacol 11:369-96, 1971 (192 ref.)
- Youngs G: Hormonal control of pancreatic endocrine and exocrine secretion. Gut 13:154-61, Feb 72 (81 ref.)
- Yura T see Igarashi K
- Z**
- Zaks AS, Datskovskiy BM, Mitiukovskiy LS: Metabolizm dimetilsulfoksyda (obzor literatury). Farmakol Toksikol 34:632-5, Sep-Oct 71 (46 ref.) (Rus)
- Zamfirescu NR: Adaptarea în efort în condiții de hipoxie. Fiziol Norm Patol 17:481-98, Nov-Dec 71 (114 ref.) (Rum)
- Zarebski M: Patofiziologia ostrego zatrucia pochodnymi kwasy salicylowego. Pol Arch Med Wewn 48:621-5, 1972 (55 ref.) (Pol)
- Drugs
- Medrysone: a review. Drugs 2:5-19, 1971 (18 ref.)
- Food Cosmet Toxicol
- Organophosphorus pesticides: biochemical and toxic effects. Food Cosmet Toxicol 10:409-14, Jun 72
- Another instalment of copper. Food Cosmet Toxicol 10:414-8, Jun 72
- Nutr Rev
- The control of glucagon secretion. Nutr Rev 30:188-92, Aug 72 (7 ref.)
- Excretion of methylmalonic acid by vitamin B 12 deficient rats kept under germfree or conventional conditions. Nutr Rev 30:186-8, Aug 72 (10 ref.)
- Diazoxide and the secretion of insulin. Nutr Rev 30:194-8, Aug 72 (10 ref.)
- Vitamin B 6 deficiency and brain lipids in the suckling rat. Nutr Rev 30:183-6, Aug 72 (15 ref.)
- The pancreas and vitamin B 12 absorption. Nutr Rev 30:181-3, Aug 72 (22 ref.)
- The incidence of anemia in Latin America. Nutr Rev 30:176-9, Aug 72 (6 ref.)
- Intestinal absorption of folates. Nutr Rev 30:179-81, Aug 72 (10 ref.)
- Fate of vitamin B 6 in the I-strain mouse. Nutr Rev 30:164-7, Jul 72 (11 ref.)
- Erythrocyte glutathione reductase—a measure of riboflavin nutritional status. Nutr Rev 30:162-4, Jul 72 (11 ref.)
- Control of iron absorption by the gastrointestinal mucosal cell. Nutr Rev 30:168-70, Jul 72 (20 ref.)
- Exogenous fatty acids and triglyceride production in rat liver. Nutr Rev 30:116-7, May 72 (4 ref.)
- Fatal hyperalimentation syndrome. Nutr Rev 30:121-5, May 72 (4 ref.)
- Scand J Gastroenterol
- Gastrointestinal hormones and insulin secretion. Scand J Gastroenterol 7:289-92, 1972 (38 ref.)



## NATIONAL LIBRARY OF MEDICINE RECURRING BIBLIOGRAPHIES

The National Library of Medicine, through its computer-based MEDLARS (Medical Literature Analysis and Retrieval System), periodically produces lists of citations to journal articles in specialized biomedical fields. Most of these lists, termed "Recurring Bibliographies," are printed and distributed by nonprofit professional organizations and other government agencies with whom the Library cooperates.

- (1) The *Bibliography on Medical Education* is published monthly in the *Journal of Medical Education* (\$15 per year). Cumulations for 1964-65 and 1966 are available from the Association of American Medical Colleges, 2530 Ridge Avenue, Evanston, Illinois 60201, for \$2.00 each.
- (2) The quarterly *Cerebrovascular Bibliography* is prepared under the auspices of the Joint Council Subcommittee on Cerebrovascular Disease, National Institute of Neurological Diseases and Stroke, National Institutes of Health, Bethesda, Maryland 20014. Distribution is limited. For information write to the Executive Secretary, Joint Council Subcommittee on Cerebrovascular Disease.
- (3) The monthly bibliography, *Fibrinolysis, Thrombolysis, and Blood Clotting*, is distributed by the National Heart Institute. For information write to Dr. James M. Stengle, National Heart Institute, National Institutes of Health, Bethesda, Maryland 20014.
- (4) The monthly *Index of Rheumatology* is available from the American Rheumatism Association Section of The Arthritis Foundation, 1212 Avenue of the Americas, New York, New York 10036. Price: \$6 per year (\$7 foreign); \$3.50 to members of the American Rheumatism Association.
- (5) The quarterly *Index to Dental Literature* is sold by the American Dental Association, 211 East Chicago Avenue, Chicago, Illinois 60611. Price: \$20 for four cumulative issues, (including annual cumulation); \$10 for annual cumulation alone.
- (6) The quarterly *International Nursing Index* is sold by the American Journal of Nursing Company, 10 Columbus Circle, New York, New York 10019. Price: \$25 for four cumulative issues (including annual cumulation); \$20 for annual cumulations.
- (7) The quarterly *Artificial Kidney Bibliography* is published by the National Institute of Arthritis and Metabolic Diseases. For information write to the Scientific Communications Officer, National Institute of Arthritis, Metabolism and Digestive Diseases, National Institutes of Health, Bethesda, Maryland 20014. The bibliography is sold by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Price: \$1.00 per year (\$1.25 foreign); single issues, \$0.30.
- (8) The bimonthly *Endocrinology Index* is published by the National Institute of Arthritis, National Institutes of Health, Bethesda, Maryland 20014. The bibliography is sold by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Price: \$16 per year (\$20 foreign); single issues, \$2.75.
- (9) The *Bibliography of Surgery of the Hand*, an annual, is published and distributed by the American Society for Surgery of the Hand. For information write to John P. Adams, M.D., Chairman, American Society for Surgery of the Hand, 2150 Pennsylvania Avenue, N.W., Washington, D.C. 20037.
- (10) The *Anesthesiology Bibliography*, a quarterly, is published and distributed by the American Society of Anesthesiologists. For information write: Wood Library, Museum of Anesthesiology, American Society of Anesthesiologists, 515 Busse Highway, Park Ridge, Illinois 60068.
- (11) The quarterly *Toxicity Bibliography* is published by the National Library of Medicine and distributed by the Superintendent of Documents, U.S. Government Printing Office, Wash-
- ington, D.C. 20402. Price: \$14.00 per year (\$17.50 foreign); single issues, \$3.50.
- (12) The *Current Bibliography of Epidemiology* is published by the National Library of Medicine and sold on subscription by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Annual subscriptions (12 monthly issues): \$12.50; single issue: \$1.25. Annual cumulations are planned and will be sold separately.
- (13) The *Neurosurgical Biblio-Index*, a quarterly, is published by the American Association of Neurological Surgeons. For information write to the Subscription Manager, *Journal of Neurosurgery*, Suite 1230, 251 East Chicago Avenue, Chicago, Illinois 60611.
- (14) The *Cranio-Facial—Cleft Palate Bibliography* is published quarterly by the American Cleft Palate Association. For information write to the Chairman, Nomenclature Committee, Box 3098, Division of Plastic, Maxillofacial and Oral Surgery, Duke University Medical Center, Durham, North Carolina 27706.
- (15) The monthly *Index of Dermatology* is published by the National Institute of Arthritis, Metabolism, and Digestive Diseases, National Institutes of Health, Bethesda, Maryland 20014. The bibliography is sold by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Price: \$7.50 per year (\$9.50 foreign); single issues \$0.70.
- (16) The *Recurring Bibliography of Hypertension* is published bimonthly by the American Heart Association, Inc. For subscription information write: The American Heart Association, Inc., 44 East 23rd Street, New York, New York 10010.
- (17) Requests for the annual *Recurring Bibliography on Education in the Allied Health Professions* should be addressed to: Dr. Kathryn Schoen, Assistant Director, School of Allied Medical Professions, The Ohio State University, 410 West 10th Avenue, Columbus, Ohio 43210. Price: \$1.00 per copy.
- (18) *Parkinson's Disease and Related Disorders, Citations from the Literature*, is published monthly by the National Institute of Neurological Diseases and Stroke. For information write: NINDS, National Institutes of Health, Bethesda, Maryland 20014.
- (19) *Selected References on Environmental Quality as It Relates to Health* is published monthly by the National Library of Medicine and distributed by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Price: \$4.00 per year (\$5.00 foreign).
- (20) An annual *Index of Tissue Culture* is published by the Tissue Culture Association, Inc., W. Alton Jones Cell Science Center, P.O. Box 631, Lake Placid, New York 12946. A quadrennial index was published for 1966-1969.
- (21) The *Annual Bibliography of Orthopaedic Surgery* is published and distributed by the Ad Hoc Committee on Orthopaedic Information Services, Medical Services Division, National Research Council. For information and subscription, write to Annual Bibliography of Orthopaedic Surgery, Georgetown University Medical Center, 3800 Reservoir Road, N.W., Washington, D.C. 20007. Price: \$5.00.
- (22) *Current Citations on Strabismus, Amblyopia and Other Diseases of Ocular Motility* is published monthly by the International Strabismological Association. For information write to: Robert D. Reinecke, M.D., Department of Ophthalmology, Albany Medical College, 47 New Scotland Avenue, Albany, New York 12208.



U.S. DEPARTMENT OF HEALTH,  
EDUCATION, AND WELFARE  
Public Health Service  
National Institutes of Health

DHEW Publication No. (NIH) 72-253

